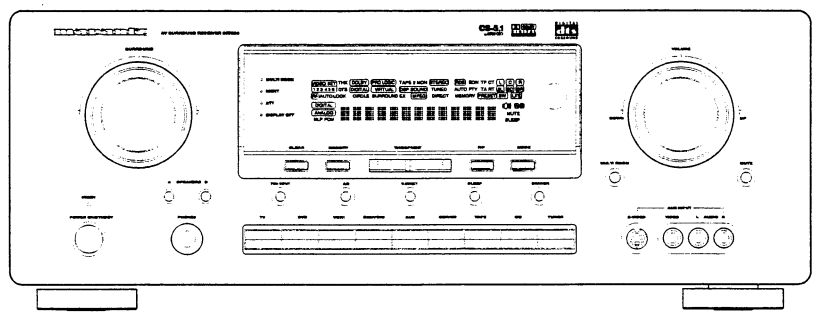
Service Manual

SR7200 /K2G, /N2G, /N2B, /U2B
/K1G, /N1G, /N1B, /U1B
AV Surround Receiver



CS-5.1 by SRS

DOLBY DIGITAL PRO LOGIC II

DIGITAL dts SURROUND

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Please use this service manual with referring to the user guide (D.F.U.) without fail.

marantz®

SR7200

322W855010 MIT
3120 785 22810
First Issue 2001.12

MARANTZ DESIGN AND SERVICE

Using superior design and selected high grade components, **MARANTZ** company has created the ultimate in stereo sound. Only original **MARANTZ** parts can insure that your **MARANTZ** product will continue to perform to the specifications for which it is famous.

Parts for your **MARANTZ** equipment are generally available to our National Marantz Subsidiary or Agent.

ORDERING PARTS :

Parts can be ordered either by mail or by Fax.. In both cases, the correct part number has to be specified.

The following information must be supplied to eliminate delays in processing your order :

1. Complete address
2. Complete part numbers and quantities required
3. Description of parts
4. Model number for which part is required
5. Way of shipment
6. Signature : any order form or Fax. must be signed, otherwise such part order will be considered as null and void.

USA

MARANTZ AMERICA, INC.
1100 MAPLEWOOD DRIVE
ITASCA, IL. 60143
USA
PHONE : 630 - 741 - 0300
FAX : 630 - 741 - 0301

EUROPE / TRADING

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P.O.BOX 80002, BUILDING SFF2
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THE NETHERLANDS
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BRAZIL

PHILIPS DA AMAZONIA IND. ELET. ITDA
CENTRO DE INFORMACOES AO
CEP 04698-970
SAO PAULO, SP, BRAZIL
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FAX : +55 11 534. 8988

PROFESSIONAL **AMERICAS**

SUPERSCOPE TECHNOLOGIES, INC.
MARANTZ PROFESSIONAL PRODUCTS
2640 WHITE OAK CIRCLE, SUITE A
AURORA, ILLINOIS 60504 USA
PHONE : 630 - 820 - 4800
FAX : 630 - 820 - 8103

PROFESSIONAL **AUSTRALIA**

TECHNICAL AUDIO GROUP PTY, LTD
558 DARLING STREET,
BALMAIN, NSW 2041,
AUSTRALIA
PHONE : 61 - 2 - 9810 - 5300
FAX : 61 - 2 - 9810 - 5355

CANADA

LENBROOK INDUSTRIES LIMITED
633 GRANITE COURT,
PICKERING, ONTARIO L1W 3K1
CANADA
PHONE : 905 - 831 - 6333
FAX : 905 - 831 - 6936

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QualIFI Pty Ltd,
24 LIONEL ROAD,
MT. WAVERLEY VIC 3149
AUSTRALIA
PHONE : +61 - (0)3 - 9543 - 1522
FAX : +61 - (0)3 - 9543 - 3677

THAILAND

MRZ STANDARD CO.,LTD
746 - 754 MAHACHAI ROAD.,
WANGBURAPAPIROM, PHRANAKORN,
BANGKOK, 10200 THAILAND
PHONE : +66 - 2 - 222 9181
FAX : +66 - 2 - 224 6795

SINGAPORE

WO KEE HONG DISTRIBUTION PTE LTD
130 JOO SENG ROAD
#03-02 OLIVINE BUILDING
SINGAPORE 368357
PHONE : +65 858 5535 / +65 381 8621
FAX : +65 858 6078

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WILDASH AUDIO SYSTEMS NZ
14 MALVERN ROAD MT ALBERT
AUCKLAND NEW ZEALAND
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FAX : +64 - 9 - 8463554

TAIWAN

PAI- YUING CO., LTD.
6 TH FL NO, 148 SUNG KIANG ROAD,
TAIPEI, 10429, TAIWAN R.O.C.
PHONE : +886 - 2 - 25221304
FAX : +886 - 2 - 25630415

MALAYSIA

WO KEE HONG ELECTRONICS SDN. BHD.
SUITE 8.1, LEVEL 8, MENARA GENESIS,
NO. 33, JALAN SULTAN ISMAIL,
50250 KUALA LUMPUR, MALAYSIA
PHONE : +60 3 - 2457677
FAX : +60 3 - 2458180

JAPAN *Technical*

MARANTZ JAPAN, INC.
35- 1, 7- CHOME, SAGAMIONO
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神奈川県相模原市相模大野7-35-1
営業本部 〒150-0022
東京都渋谷区恵比寿南1-11-9

KOREA

MK ENTERPRISES LTD.
ROOM 604/605, ELECTRO-OFFICETEL, 16-58,
3GA, HANGANG-RO, YONGSAN-KU, SEOUL
KOREA
PHONE : +822 - 3232 - 155
FAX : +822 - 3232 - 154

SHOCK, FIRE HAZARD SERVICE TEST :

CAUTION : After servicing this appliance and prior to returning to customer, measure the resistance between either primary AC cord connector pins (with unit NOT connected to AC mains and its Power switch ON), and the face or Front Panel of product and controls and chassis bottom.

Any resistance measurement less than 1 Megohms should cause unit to be repaired or corrected before AC power is applied, and verified before it is return to the user/customer.

Ref. UL Standard No. 1492.

In case of difficulties, do not hesitate to contact the Technical Department at above mentioned address.

1. TECHNICAL SPECIFICATIONS

FM TUNER SECTION

Frequency Range ..... 87.5 - 108.0 MHz
Usable Sensitivity ..... IHF 1.8 V/16.4 dBf
Signal to Noise Ratio ..... Mono/Stereo 76/72 dB
Distortion ..... Mono/Stereo 0.2/0.3 %
Stereo Separation ..... 1 kHz 45 dB
Alternate Channel Selectivity ..... ± 300 kHz 60 dB (K,N Version)
± 400 kHz 60 dB (U Version)
Image Rejection ..... 98 MHz 70 dB
Tuner Output Level .... 1 kHz, ± 40 kHz Dev 500 mV (K,N Version)
1 kHz, ± 75 kHz Dev 800 mV (U Version)

AM TUNER SECTION

Frequency Range ..... AM: 520 - 1710 kHz (K Version)
LW: 152 - 282 kHz (N Version)
MW: 522 - 1611 kHz (N Version)
AM: 520 - 1710 kHz (U Version)
Signal to Noise Ratio ..... 50 dB
Usable Sensitivity ..... Loop 400 V/m
Distortion ..... 400 Hz, 30 % Mod. 0.5 %
Selectivity ..... ± 18 kHz 60 dB (K,N Version)
± 20 kHz 60 dB (U Version)

AUDIO SECTION

Maximum Power Output (6 ohms / EIAJ) (K Version Only)

Front 160W
Center 160W
Surround 160W

Continuous Power Output (8 ohms / 20 Hz - 20 kHz)

Front 110W
Center 110W
Surround 110W
THD Front (20 Hz - 20 kHz) ..... 8 ohms 0.05 %

Input Sensitivity/Impedance

Linear ..... 340 mV/ 47 kohms

Signal to Noise Ratio

Linear ..... 105 dB

VIDEO

Television Format ..... NTSC / PAL (K,N Version)
NTSC (U Version)
Input Level/Impedance ..... 1 Vp-p/ 75 ohms
Output Level/Impedance ..... 1 Vp-p/ 75 ohms
Video Frequency Response ..... 5 Hz to 8 MHz (– 1 dB)
S/N ..... 60 dB

GENERAL

Power Requirement
..... AC 110 - 115 V / AC 220 - 230 V 50 Hz / 60 Hz (K Version)
AC 230 V 50 Hz (N Version)
AC 120 V 60 Hz (U Version)
Power Consumption (STEREO MODE RATED POWER)
..... 350 W (K,N Version))
..... 4.0 A (U Version)

Dimension (MAX)

Width ..... 440 mm (17-3/8 inches)
Height ..... 164 mm (6-1/2 inches)
Depth ..... 425 mm (16-3/4 inches)
Weight ..... 14.9 kg (32.7 lbs)

ACCESSORIES

Remote Control Unit RC7200SR 1
AA-size batteries 2
FM Feeder Antenna 1
FM Antenna Converter 1
AM Loop Antenna 1
User Guide 1
Registration Card ..... 1 (N Version)
Warranty Card (for USA) ..... 1 (U Version)
Warranty Card (for CANADA) ..... 1 (U Version)

Specifications subject to change without prior notice.

The relation between the selected surround mode and the input signal

The surround mode is selected with the surround mode selector knob of the SR7200 or the remote control unit. However, the sound from the speakers depend upon the relationship between the selected surround mode and the input signal. They are as follows;

Surround Mode	Input Signal	Output					Fluorescent Indicator			
		L/R	SL/SR	C	SC	SW	Input Indicator	Format Status & Surround Mode	Temporary Display Status	Ch. Status
Auto	Dolby Digital (5.1ch)	O	O	O	-	O	DIGITAL	DOLBY, DIGITAL, AUTO	>AUTO>	L,C,R,SL,SR,LFE
	Dolby Digital (2ch)	O	-	-	-	O	DIGITAL	DOLBY, DIGITAL, AUTO	>AUTO>	L,R
	Dolby Digital (2ch:Lt/Rt)	O	O	O	-	O	DIGITAL	DOLBY, DIGITAL, PRO LOGIC, AUTO	>AUTO>	L,R, SC
	96kHz PCM	O	-	-	-	-	DIGITAL	PCM, STEREO, AUTO	>AUTO>96kHz>	L,R
	PCM(Audio)	O	-	-	-	O	DIGITAL	PCM, STEREO, AUTO	>AUTO>	L,R
	Analog	O	-	-	-	O	ANALOG	STEREO, AUTO	>AUTO>	-
	DTS (5.1ch)	O	O	O	-	O	DIGITAL	DTS, AUTO	>AUTO>	L,C,R,SL,SR,LFE
Stereo	Dolby Digital (5.1ch)	O	-	-	-	O	DIGITAL	DOLBY, DIGITAL, STEREO	>STEREO>	L,C,R,SL,SR,LFE
	Dolby Digital (2ch)	O	-	-	-	O	DIGITAL	DOLBY. DIGITAL, STEREO	>STEREO>	L,R
	Dolby Digital (2ch:Lt/Rt)	O	-	-	-	O	DIGITAL	DOLBY, DIGITAL, STEREO	>STEREO>	L,R, SC
	96kHz PCM	O	-	-	-	-	DIGITAL	PCM, STEREO	>STEREO>96kHz>	L,R
	PCM(Audio)	O	-	-	-	O	DIGITAL	PCM, STEREO	>STEREO>	L,R
	Analog	O	-	-	-	O	ANALOG	STEREO	>STEREO>	-
	DTS (5.1ch)	O	-	-	-	O	DIGITAL	DTS, STEREO	>STEREO>	L,C,R,SL,SR,LFE
DD Movie	Dolby Digital (5.1ch)	O	O	O	-	O	DIGITAL	DOLBY, DIGITAL	>DOLBY D>	L,C,R,SL,SR,LFE
	Dolby Digital (2ch)	O	O	O	-	O	DIGITAL	DOLBY, DIGITAL, PRO LOGIC	>PLII MOVIE>	L,R
	Dolby Digital (2ch:Lt/Rt)	O	O	O	-	O	DIGITAL	DOLBY, DIGITAL, PRO LOGIC	>PLII MOVIE>	L,R,SC
	96kHz PCM	-	-	-	-	-	DIGITAL	(PCM), DOLBY, PRO LOGIC	>PLII MOVIE>96kHz>	-
	PCM(Audio)	O	O	O	-	O	DIGITAL	PCM, DOLBY, PRO LOGIC	>PLII MOVIE>	L,R
	Analog	O	O	O	-	O	ANALOG	DOLBY, PRO LOGIC	>PLII MOVIE>	-
	DTS (5.1ch)	-	-	-	-	-	DIGITAL	(DTS), DOLBY, PRO LOGIC	>PLII MOVIE>	-
DD Music	Dolby Digital (5.1ch)	O	O	O	-	O	DIGITAL	DOLBY, DIGITAL	>DOLBY D>	L,C,R,SL,SR,LFE
	Dolby Digital (2ch)	O	O	O	-	O	DIGITAL	DOLBY, DIGITAL, PRO LOGIC	>PLII MUSIC>	L,R
	Dolby Digital (2ch:Lt/Rt)	O	O	O	-	O	DIGITAL	DOLBY, DIGITAL, PRO LOGIC	>PLII MUSIC>	L,R,SC
	96kHz PCM	-	-	-	-	-	DIGITAL	(PCM), DOLBY, PRO LOGIC	>PLII MUSIC>96kHz>	-
	PCM(Audio)	O	O	O	-	O	DIGITAL	PCM, DOLBY, PRO LOGIC	>PLII MUSIC>	L,R
	Analog	O	O	O	-	O	ANALOG	DOLBY, PRO LOGIC	>PLII MUSIC>	-
	DTS (5.1ch)	-	-	-	-	-	DIGITAL	(DTS), DOLBY, PRO LOGIC	>PLII MUSIC>	-
DD Pro Logic	Dolby Digital (5.1ch)	O	O	O	-	O	DIGITAL	DOLBY, DIGITAL	>DOLBY D>	L,C,R,SL,SR,LFE
	Dolby Digital (2ch)	O	O	O	-	O	DIGITAL	DOLBY, DIGITAL, PRO LOGIC	>PRO LOGIC>	L,R
	Dolby Digital (2ch:Lt/Rt)	O	O	O	-	O	DIGITAL	DOLBY, DIGITAL, PRO LOGIC	>PRO LOGIC>	L,R,SC
	96kHz PCM	-	-	-	-	-	DIGITAL	(PCM), DOLBY, PRO LOGIC	>PRO LOGIC>96kHz>	-
	PCM(Audio)	O	O	O	-	O	DIGITAL	PCM, DOLBY, PRO LOGIC	>PRO LOGIC>	L,R
	Analog	O	O	O	-	O	ANALOG	DOLBY, PRO LOGIC	>PRO LOGIC>	-
	DTS (5.1ch)	-	-	-	-	-	DIGITAL	(DTS), DOLBY, PRO LOGIC	>PRO LOGIC>	-
DTS	Dolby Digital (5.1ch)	-	-	-	-	-	DIGITAL	(DOLBY, DIGITAL), DTS	>DTS>	-
	Dolby Digital (2ch)	-	-	-	-	-	DIGITAL	(DOLBY, DIGITAL), DTS	>DTS>	-
	Dolby Digital (2ch:Lt/Rt)	-	-	-	-	-	DIGITAL	(DOLBY, DIGITAL), DTS	>DTS>	-
	96kHz PCM	-	-	-	-	-	DIGITAL	(PCM), DTS	>DTS>96kHz>	-
	PCM(Audio)	-	-	-	-	-	DIGITAL	(PCM), DTS	>DTS>	-
	Analog	-	-	-	-	-	(ANALOG)	DTS	>DTS>	-
	DTS (5.1ch)	O	O	O	-	O	DIGITAL	DTS	>DTS>	L,C,R,SL,SR,LFE
6.1Ch Surround	Dolby Digital (5.1ch)	O	O	O	O	O	DIGITAL	DOLBY, DIGITAL	>6.1 CH SURROUND>	L,C,R,SL,SR,LFE
	Dolby Digital (2ch)	-	-	-	-	-	DIGITAL	(DOLBY, DIGITAL)	>6.1 CH SURROUND>	-
	Dolby Digital (2ch:Lt/Rt)	-	-	-	-	-	DIGITAL	(DOLBY, DIGITAL)	>6.1 CH SURROUND>	-
	96kHz PCM	-	-	-	-	-	DIGITAL	(PCM)	>6.1 CH SURROUND>96kHz>	-
	PCM(Audio)	-	-	-	-	-	DIGITAL	(PCM)	>6.1 CH SURROUND>	-
	Analog	-	-	-	-	-	(ANALOG)		>6.1 CH SURROUND>	-
	DTS (5.1ch)	O	O	O	O	O	DIGITAL	DTS	>6.1 CH SURROUND>	L,C,R,SL,SR,LFE
Movie Hall Stadium Matrix	Dolby Digital (5.1ch)	-	-	-	-	-	DIGITAL	(DOLBY, DIGITAL), DSP SOUND	>MOVIE/HALL/ STADIUM/MATRIX>	-
	Dolby Digital (2ch)	-	-	-	-	-	DIGITAL	(DOLBY, DIGITAL), DSP SOUND	>MOVIE/HALL/ STADIUM/MATRIX>	-
	Dolby Digital (2ch:Lt/Rt)	-	-	-	-	-	DIGITAL	(DOLBY, DIGITAL), DSP SOUND	>MOVIE/HALL/ STADIUM/MATRIX>	-
	96kHz PCM	-	-	-	-	-	DIGITAL	(PCM), DSP SOUND	>MOVIE/HALL/ STADIUM/MATRIX>	-
	PCM(Audio)	O	O	O	-	O	DIGITAL	PCM, DSP SOUND	>MOVIE/HALL/ STADIUM/MATRIX>	L,R
	Analog	O	O	O	-	O	ANALOG	DSP SOUND	>MOVIE/HALL/ STADIUM/MATRIX>	-
	DTS (5.1ch)	-	-	-	-	-	DIGITAL	(DTS), DSP SOUND	>MOVIE/HALL/ STADIUM/MATRIX>	-
Virtual	Dolby Digital (5.1ch)	O	-	-	-	-	DIGITAL	DOLBY, DIGITAL, VIRTUAL	>VIRTUAL>	L,C,R,SL,SR,LFE
	Dolby Digital (2ch)	O	-	-	-	-	DIGITAL	DOLBY, DIGITAL, PROLOGIC, VIRTUAL	>VIRTUAL>	L,R
	Dolby Digital (2ch:Lt/Rt)	O	-	-	-	-	DIGITAL	DOLBY, DIGITAL, PROLOGIC, VIRTUAL	>VIRTUAL>	L,R, SC
	96kHz PCM	-	-	-	-	-	DIGITAL	(PCM)	>VIRTUAL>96kHz>	-
	PCM(Audio)	O	-	-	-	-	DIGITAL	PCM, DOLBY, PROLOGIC, VIRTUAL	>VIRTUAL>	L,R
	Analog	O	-	-	-	-	ANALOG	DOLBY, PROLOGIC, VIRTUAL	>VIRTUAL>	-
	DTS (5.1ch)	-	-	-	-	-	DIGITAL	(DTS), DOLBY, VIRTUAL	>VIRTUAL>	-
CS5.1	Dolby Digital (5.1ch)	-	-	-	-	-	DIGITAL	(DOLBY, DIGITAL)	>CS5.1>	-
	Dolby Digital (2ch)	-	-	-	-	-	DIGITAL	(DOLBY, DIGITAL)	>CS5.1>	-
	Dolby Digital (2ch:Lt/Rt)	-	-	-	-	-	DIGITAL	(DOLBY, DIGITAL)	>CS5.1>	-
	96kHz PCM	-	-	-	-	-	DIGITAL	(PCM)	>CS5.1>96kHz>	-
	PCM(Audio)	O	O	O	-	O	DIGITAL	PCM	>CS5.1>	L,R
	Analog	O	O	O	-	O	ANALOG		>CS5.1>	-
	DTS (5.1ch)	-	-	-	-	-	DIGITAL	(DTS)	>CS5.1>	-
6CH Stereo	Dolby Digital (5.1ch)	O	O	O	-	O	DIGITAL	DOLBY, DIGITAL	>6CH STEREO>	L,C,R,SL,SR,LFE
	Dolby Digital (2ch)	O	O	O	O	O	DIGITAL	DOLBY, DIGITAL	>6CH STEREO>	L,R
	Dolby Digital (2ch:Lt/Rt)	O	O	O	O	O	DIGITAL	DOLBY, DIGITAL	>6CH STEREO>	L,R, SC
	96kHz PCM	-	-	-	-	-	DIGITAL	(PCM)	>6CH STEREO>96kHz>	-
	PCM(Audio)	O	O	O	O	O	DIGITAL	PCM	>6CH STEREO>	L,R
	Analog	O	O	O	O	O	ANALOG		>6CH STEREO>	-
	DTS (5.1ch)	O	O	O	-	O	DIGITAL	DTS	>6CH STEREO>	L,C,R,SL,SR,LFE

L/R : Front speaker
SL/SR : Surround speaker
C : Center speaker
SC : Surround center speaker
SW : Sub woofer speaker

( ): The indicator blinks

L : Left
R : Right
C : Center
SL : Surround Left
SR : Surround Right
SC : Mono Surround
LFE : Low Frequency Effect

NOTES:

- Dolby Digital (2 ch: Lt/Rt): signal with Dolby Surround flag Speakers are full set.
- When DOLBY DIGITAL, DTS, PCM or ANALOG is blinking, the selected surround mode is unavailable for input signal. Select the other appropriate surround mode to playback.
- No sound outputs from the surround speaker, center speaker and subwoofer if the DVD disc has no surround data.

2. WIRING DIAGRAM

WIRING DIAGRAM

[SR7200 / PS7200 only]
SPEAKER B B' D
4P

[SR7200 / PS7200 only]
SPEAKER A B' D
13P CP101

COMPONENT VIDEO B' D
6P CP102

S-VIDEO B' D
4P
9P CP103
13P CP104

VIDEO B' D
9P
9P CP105
15P CP106

INPUT1 B' D
4P
10P CP107
20P CP108

INPUT2 B' D
PS5200 SR5200 / SR6200 4P
PS7200 / SR7200 13P
15P CP109
15P CP110

DSP B' D
12P CP111
15P CP112
16P CP113

VOLUME B' D
[7CH INPUT/OUTPUT]
CP503
12P

[SR5200 / SR6200 / SR7200 only]
TUNER B' D
13P CP116
15P CP114
20P CP115

POWER B' D
2P CP712
2P 2P CP713 CP711 /N, /U, /F
5P CP715
4P CP714
/K ONLY
4P CP710
3P CP711
3P VOLTAGE SEL B' D
5P

4P CNT108
2P CNT107 (WHITE / RED)
2P CNT107 (BLACK)
3P CP121

4P 2P 5P 3P
POWER TRANS
6P

CP122
PS5200 SR5200 / SR6200 4P PS7200 / SR7200 3P

CP123 10P
CP124 9P
CP120 6P

MAIN B' D

FPC109A 23P

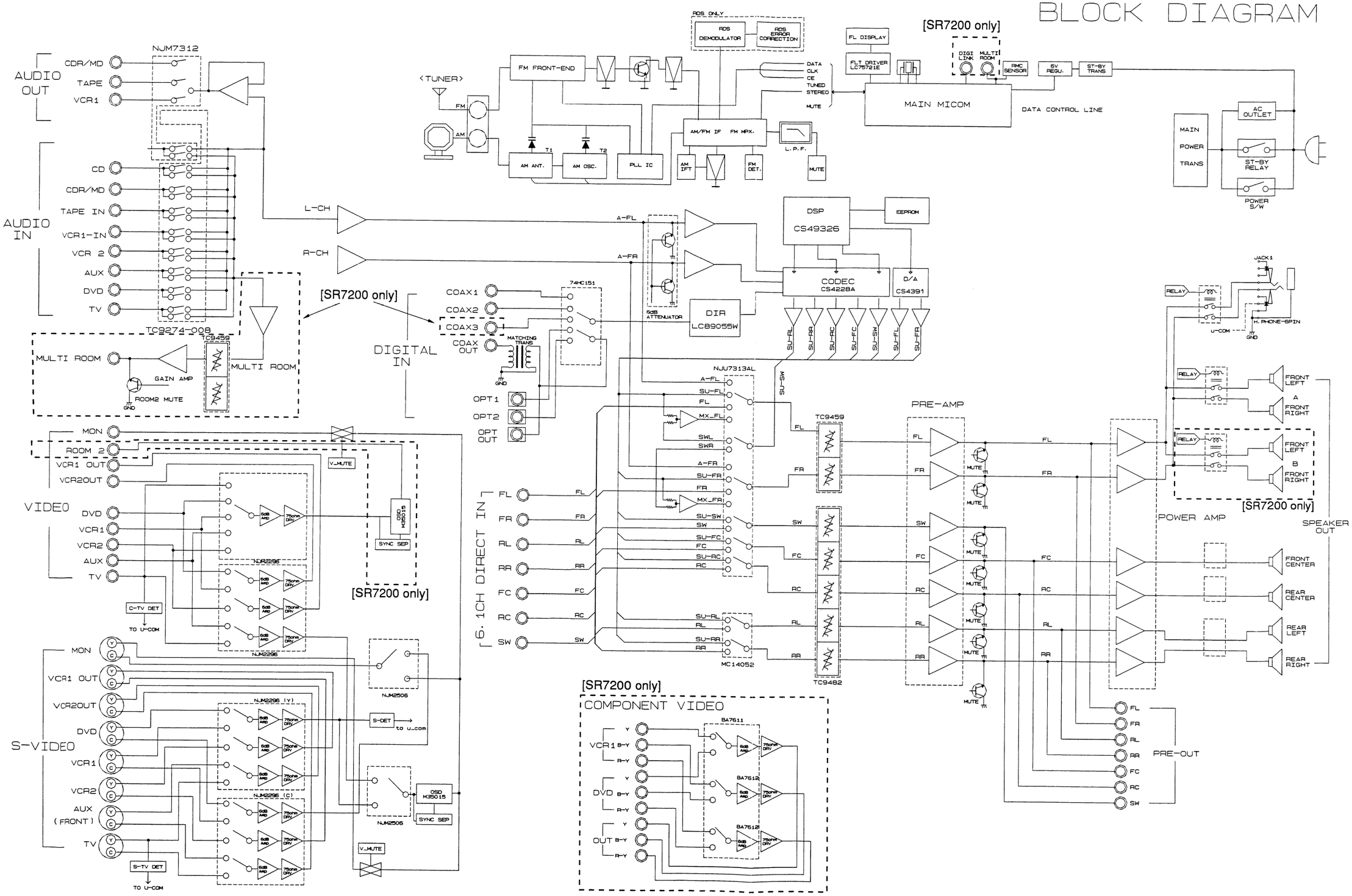
10P CP203
9P CP202
CP201 12P
AMP B' D

MULTICONTROL B' D CP305 3P
POWER S/W B' D 2P /N, /K
POWER S/W B' D 4P /U, /F
B.I/O B' D
PS5200 SR5200 / SR6200 4P PS7200 / SR7200 3P

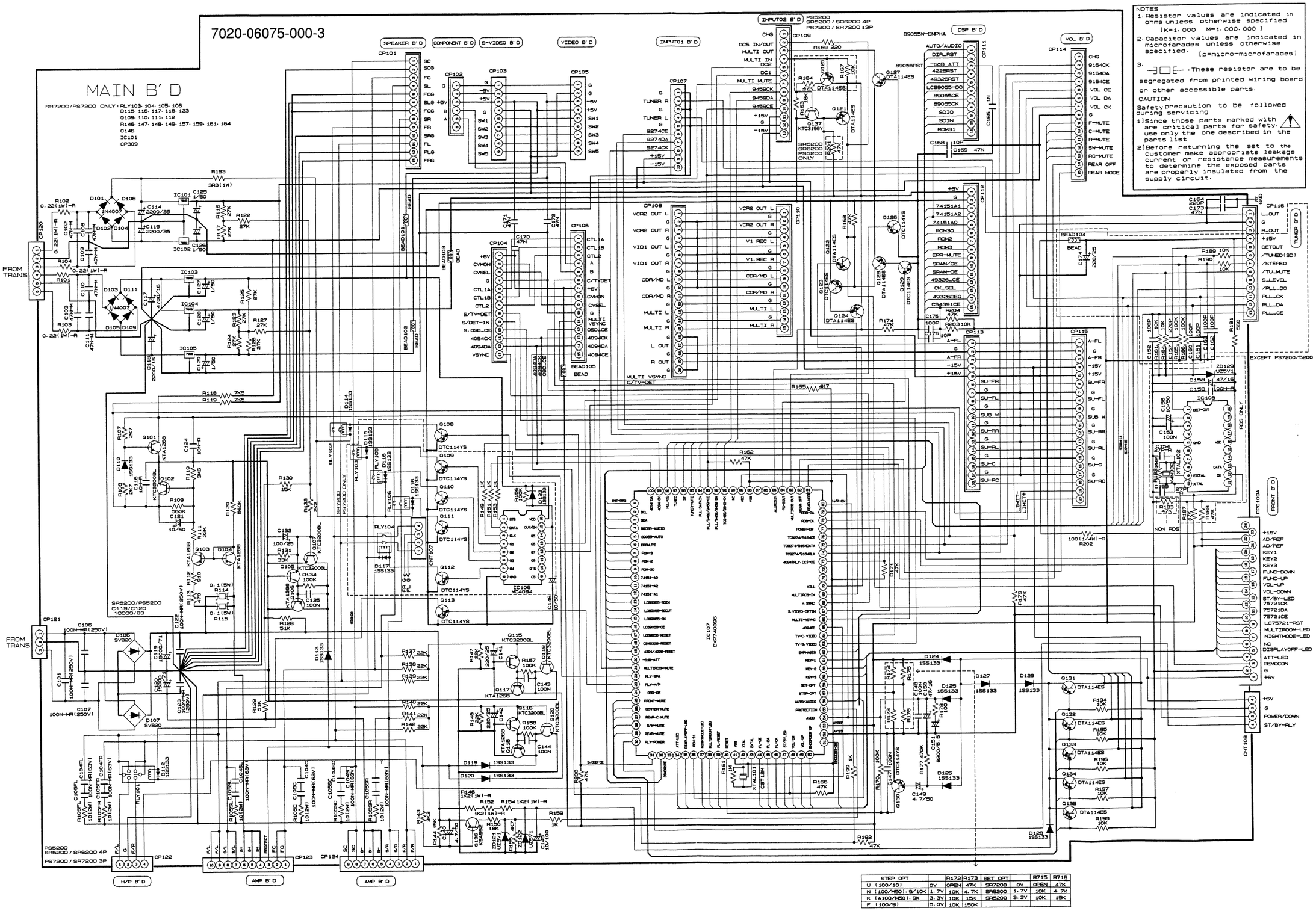
5P CN304
3P CN305
4P CN303

FRONT B' D
F L T
FPC109B 23P
CN301 10P
VCR5

3. BLOCK DIAGRAM



4. SCHEMATIC DIAGRAM



AMP B' D

7020-06140-000-1

SURROUND RIGHT CH

FRONT RIGHT CH

SURROUND CENTER CH

FRONT CENTER CH

SURROUND LEFT CH

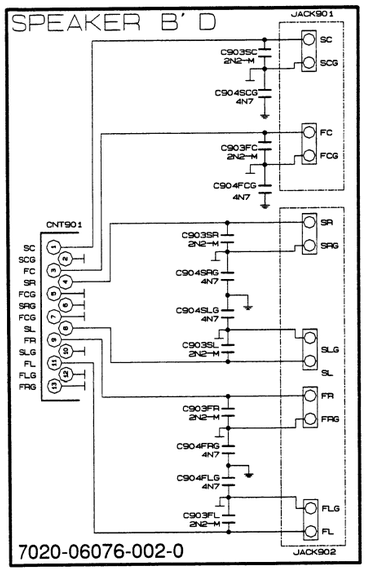
FRONT LEFT CH

SAP16NX	SAP16PX
C / B / E / S	D / E / S / B / C
SAP16 NY	SAP16 PY
B D C S E	E S C D B

X = O or Y
(O : hFE 5K~12K)
(Y : hFE 8K~20K)

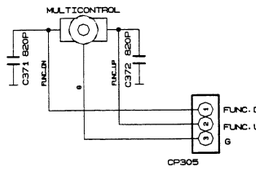
	R212FL	R212FR	R212C	R212SL	R212SC	R212SR
SR7200/ SR6200	1.2K	1.2K	1.2K	1.2K	1.2K	1.2K
SR6200	1.3K	1.3K	1.3K	1.3K	1.3K	1.3K

SPEAKER B' D



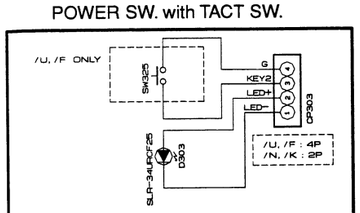
7020-06076-002-0

MULTICONTROL B' D



7020-06076-004-0

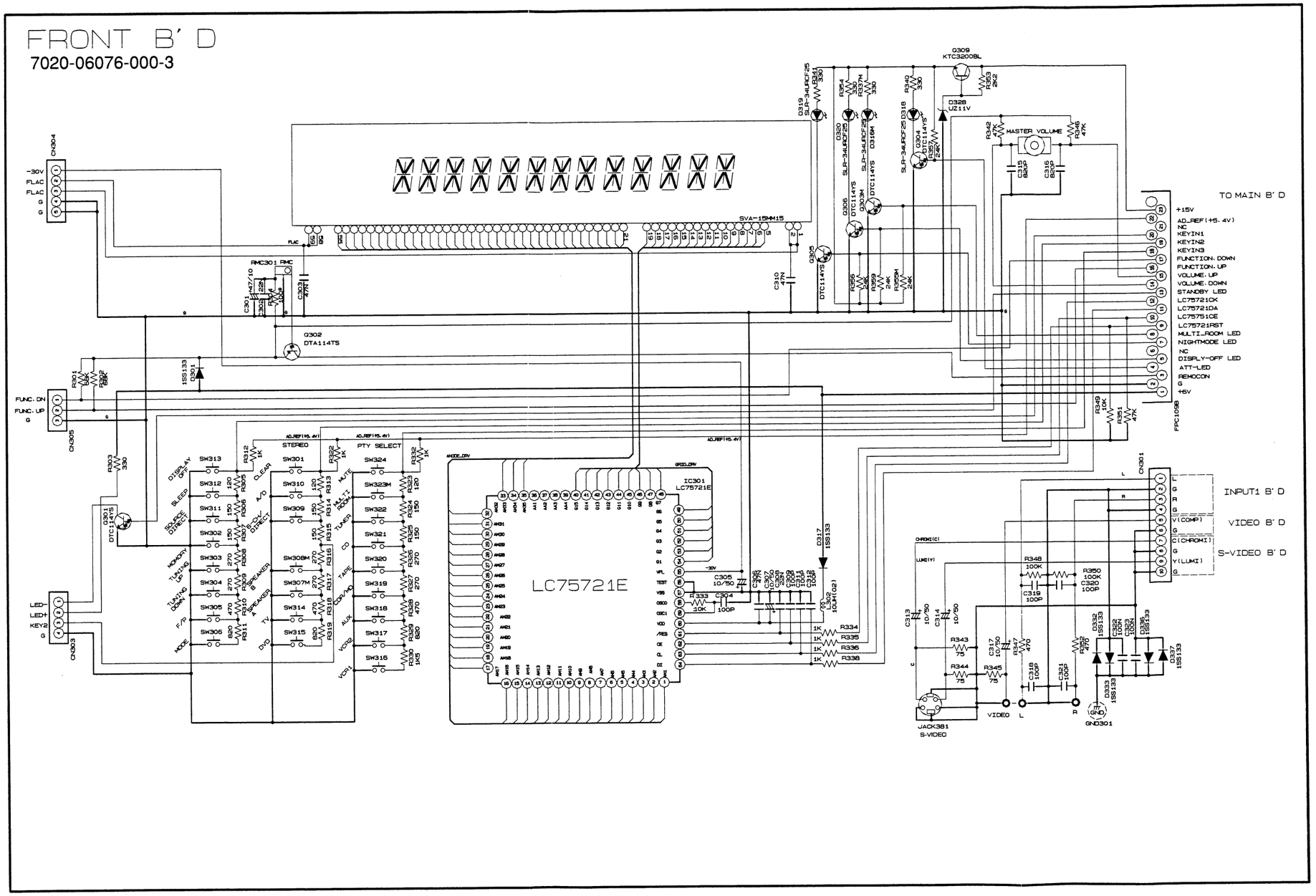
POWER SW. with TACT SW.



7020-06076-003-0

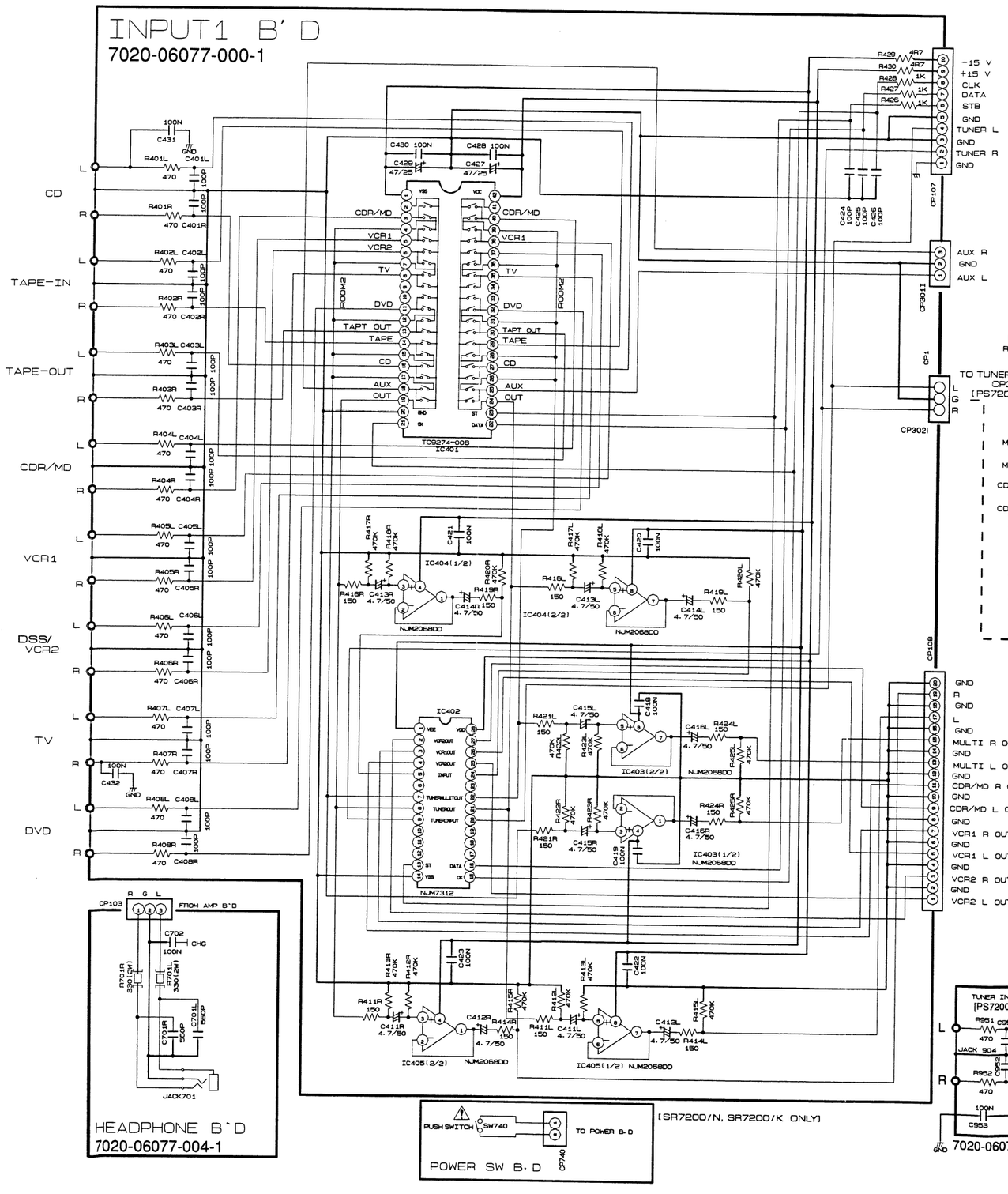
FRONT B' D

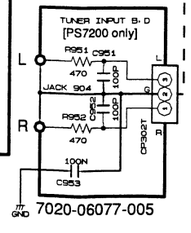
7020-06076-000-3



INPUT1 B' D

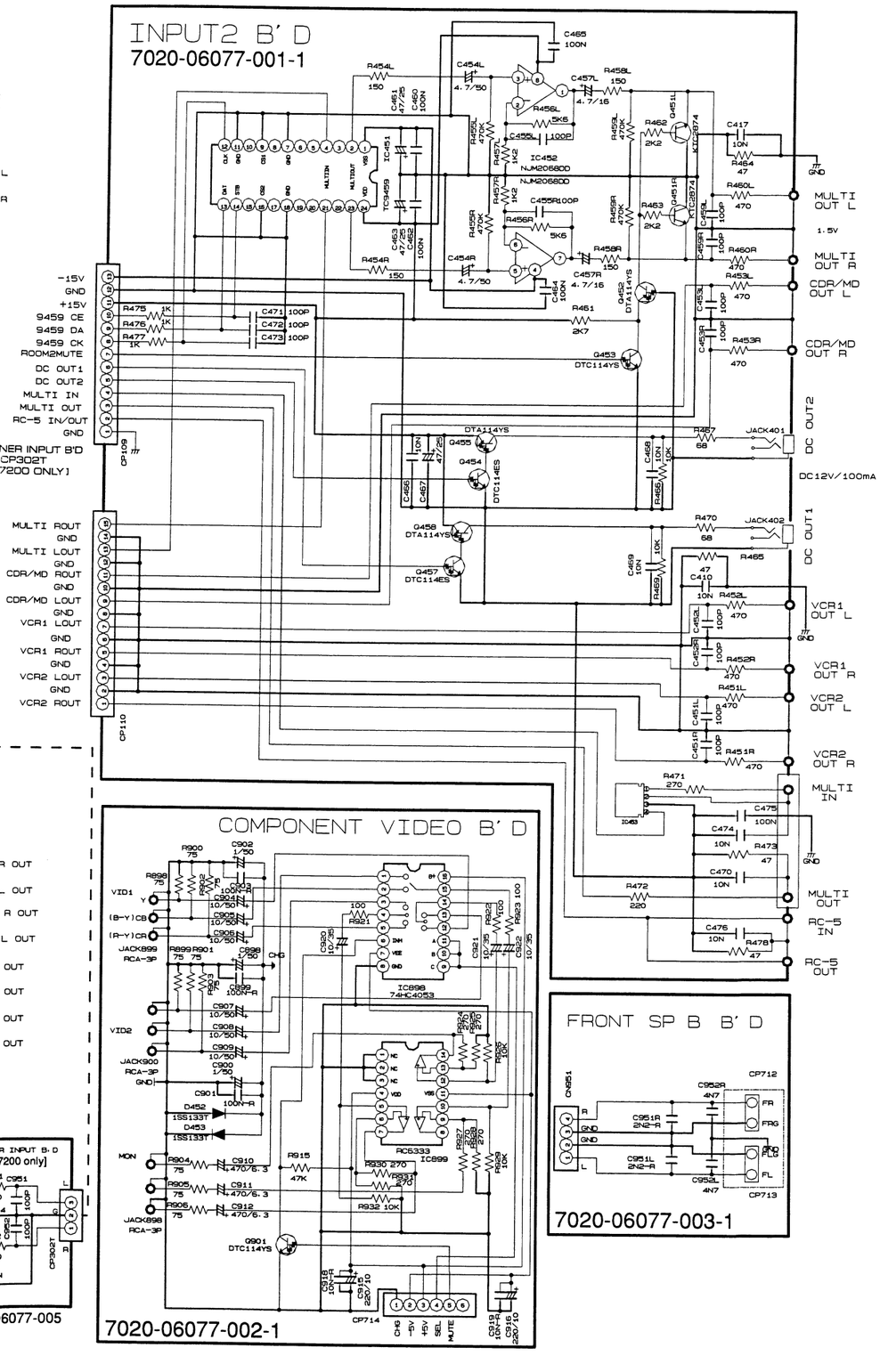
7020-06077-000-1





INPUT2 B' D

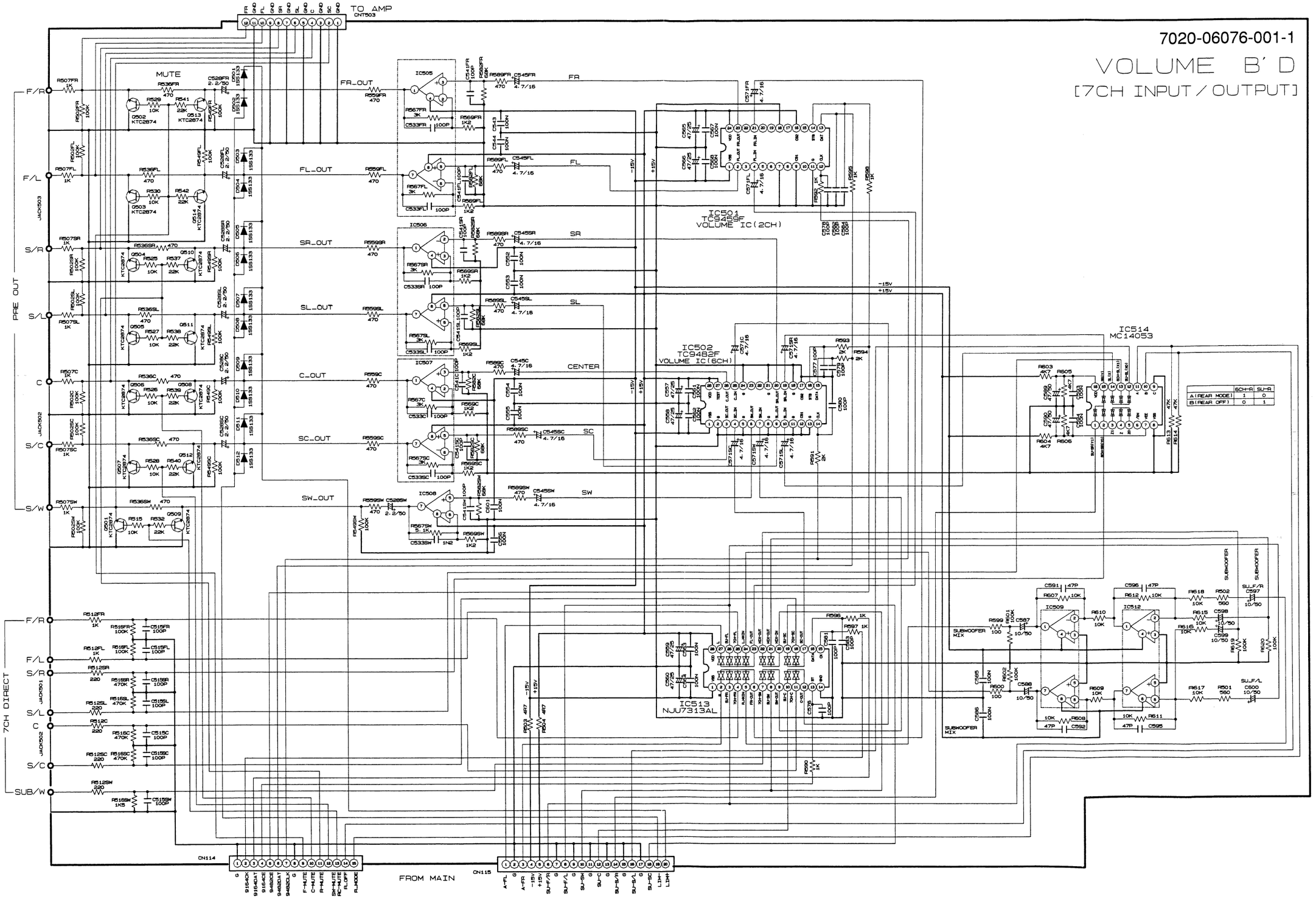
7020-06077-001-1



7020-06076-001-1

VOLUME B'D

[7CH INPUT / OUTPUT]



7020-06079-000-2

DSP BOARD

DIGI2
DIGI1
OPT-OUT
DIGI5
DIGI4
DIGI3
COAX-OUT

W24L257AJ-12
M27W201-80B6
IC715 CS49326
MM74HC151MX
LC89055W
MM74LCX574WMX
MM74VHCU04MX
MM74HCT244WMX
CS422SA
CS4391
SN74LV00APW
SN74LV4040APW
NJM2068M
BA4510
NJM7805
PS5200 / PS7200 only

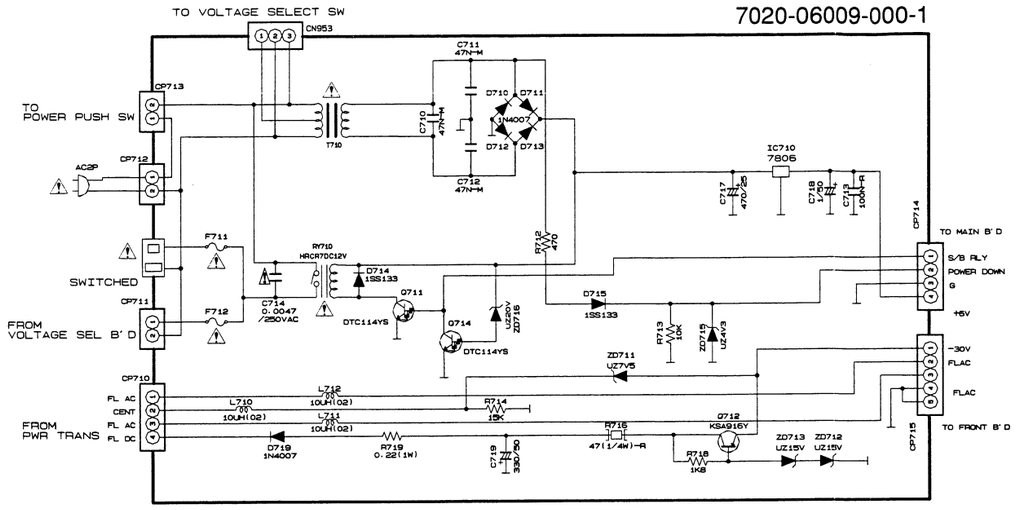
SL
SP
SC
C
S/W
FL
FR
L IN
R IN
MUTE

CN113
CN112
CN111

DSP_+5V
DSP_GND
74HC151_A1
74HC151_A2
74HC151_Q
ROM30
ROM2
ROM3
ERR_MUTE
ABOOT
SRAM/E2PROM_CE
CS49326_CE
CS49326_CK-SEL
CS49326_INTREQ
CS4391_CE
AUDIO/AUTO
LC89055_RST
ATTENUATOR(-6dB)
CS4326/4382_RST
CS49326_RST
LC89055_DO
LC89055_CE
CS49326_SDOUT
ROM31
SMODE

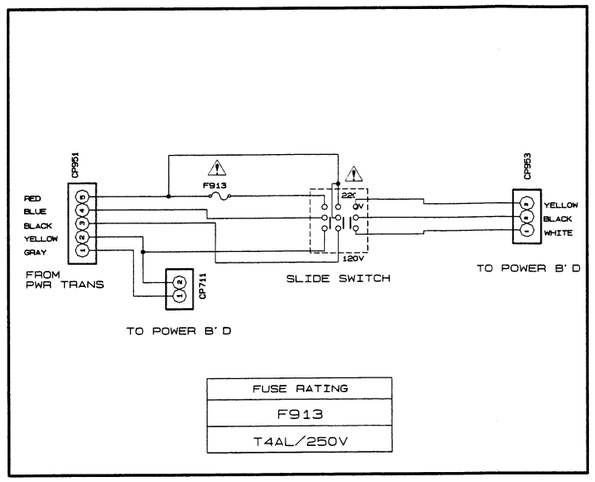
[/K ONLY]

POWER B' D
7020-06009-000-1



FUSE RATING	
F711	F712
T2.5AL/250V	T6.3AL/250V

VOLTAGE SEL B' D
7020-06106-001-0



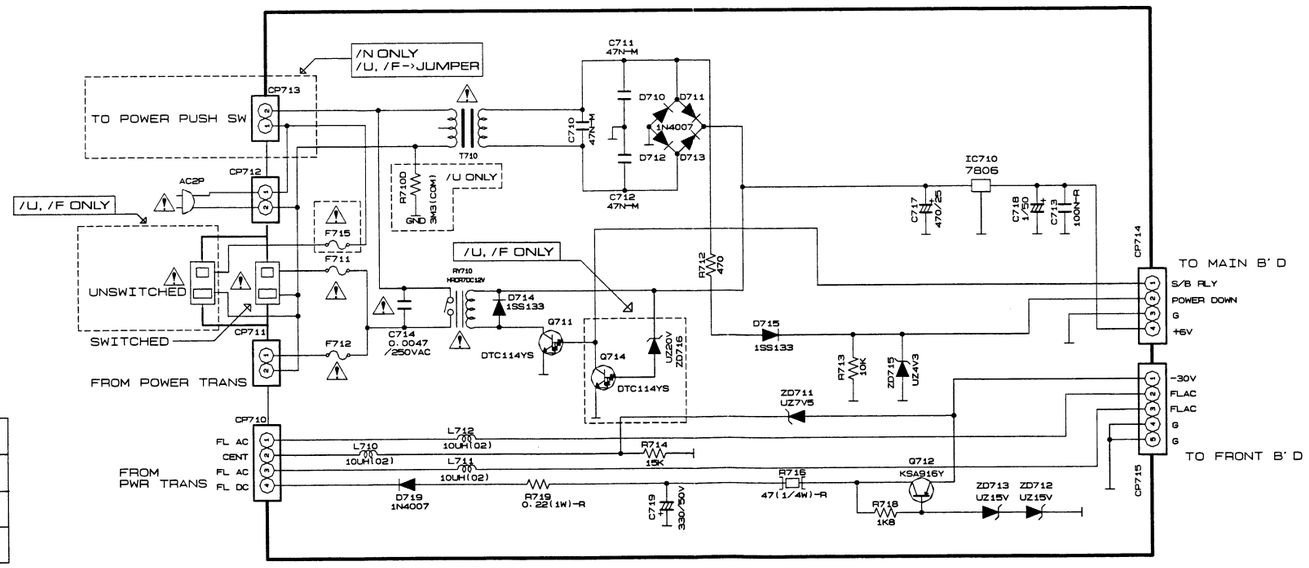
FUSE RATING
F913
T4AL/250V

NOTES
1. Resistor values are indicated in ohms unless otherwise specified [K=1.000 M=1.000.000]
2. Capacitor values are indicated in microfarades unless otherwise specified. [p=micro-microfarades]
3. ⊣□⊢ : These resistor are to be segregated from printed wiring board or other accessible parts.

CAUTION
Safety precaution to be followed during servicing
1] Since those parts marked with ⚠ are critical parts for safety. use only the one described in the parts list
2] Before returning the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.

[/N, /U, /F ONLY]

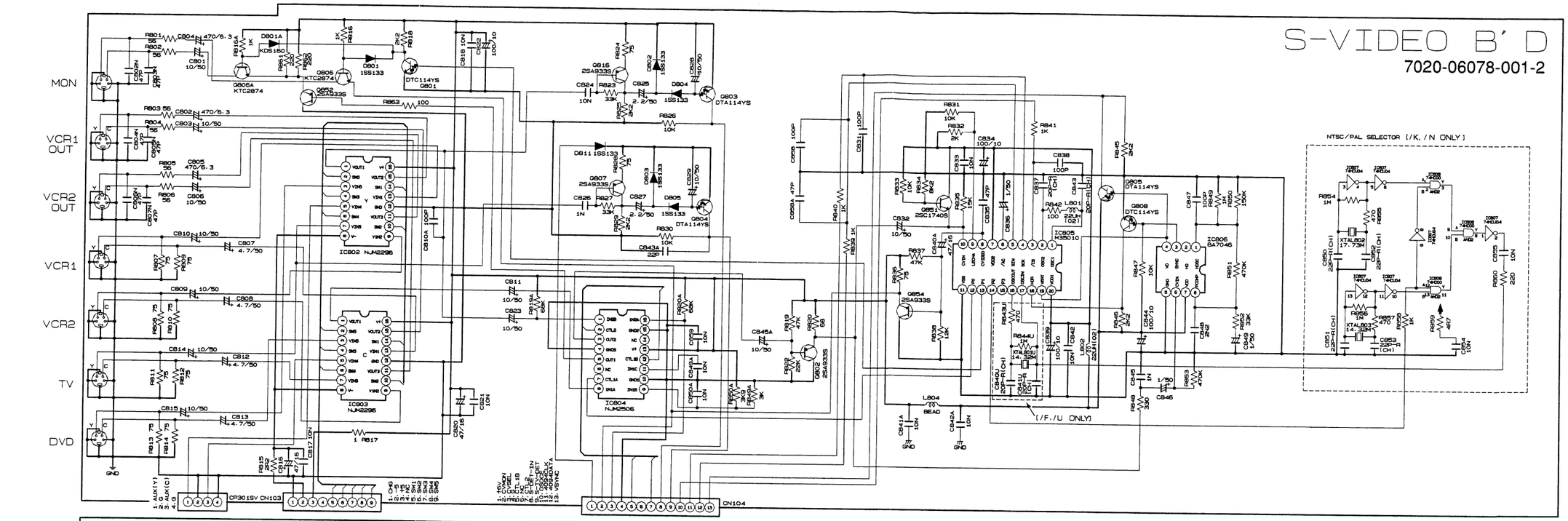
POWER B' D
7020-06088-000-1

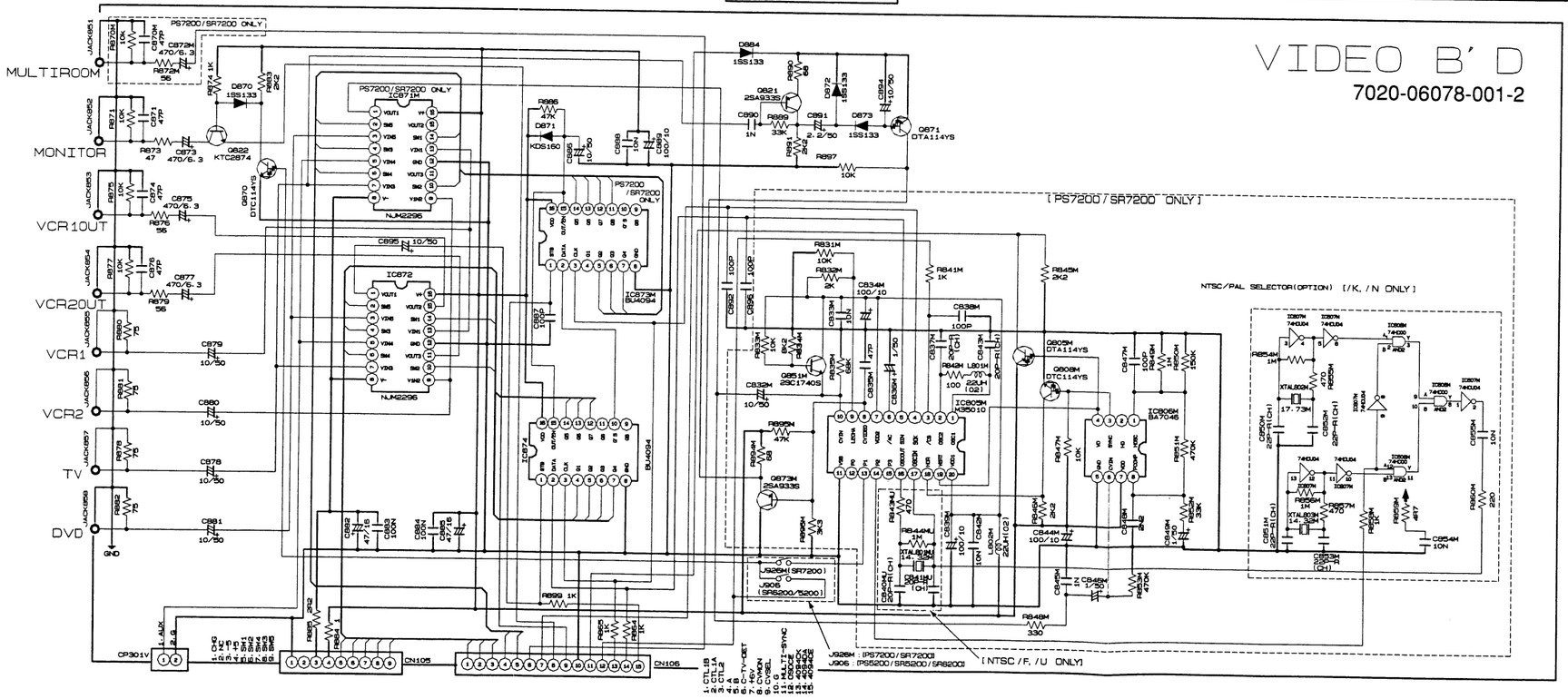


	EUROPE(/N)	U.S.A.(/U) JAPAN(/F)
F711	T2.5AL/250V	S2.5A/250V
F712	T6.3AL/250V	S8A/250V
F715		S2.5A/250V

NOTES
1. Resistor values are indicated in ohms unless otherwise specified [K=1.000 M=1.000.000]
2. Capacitor values are indicated in microfarades unless otherwise specified. [p=micro-microfarades]
3. ⊣□⊢ : These resistor are to be segregated from printed wiring board or other accessible parts.

CAUTION
Safety precaution to be followed during servicing
1] Since those parts marked with ⚠ are critical parts for safety. use only the one described in the parts list
2] Before returning the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.





NOTES

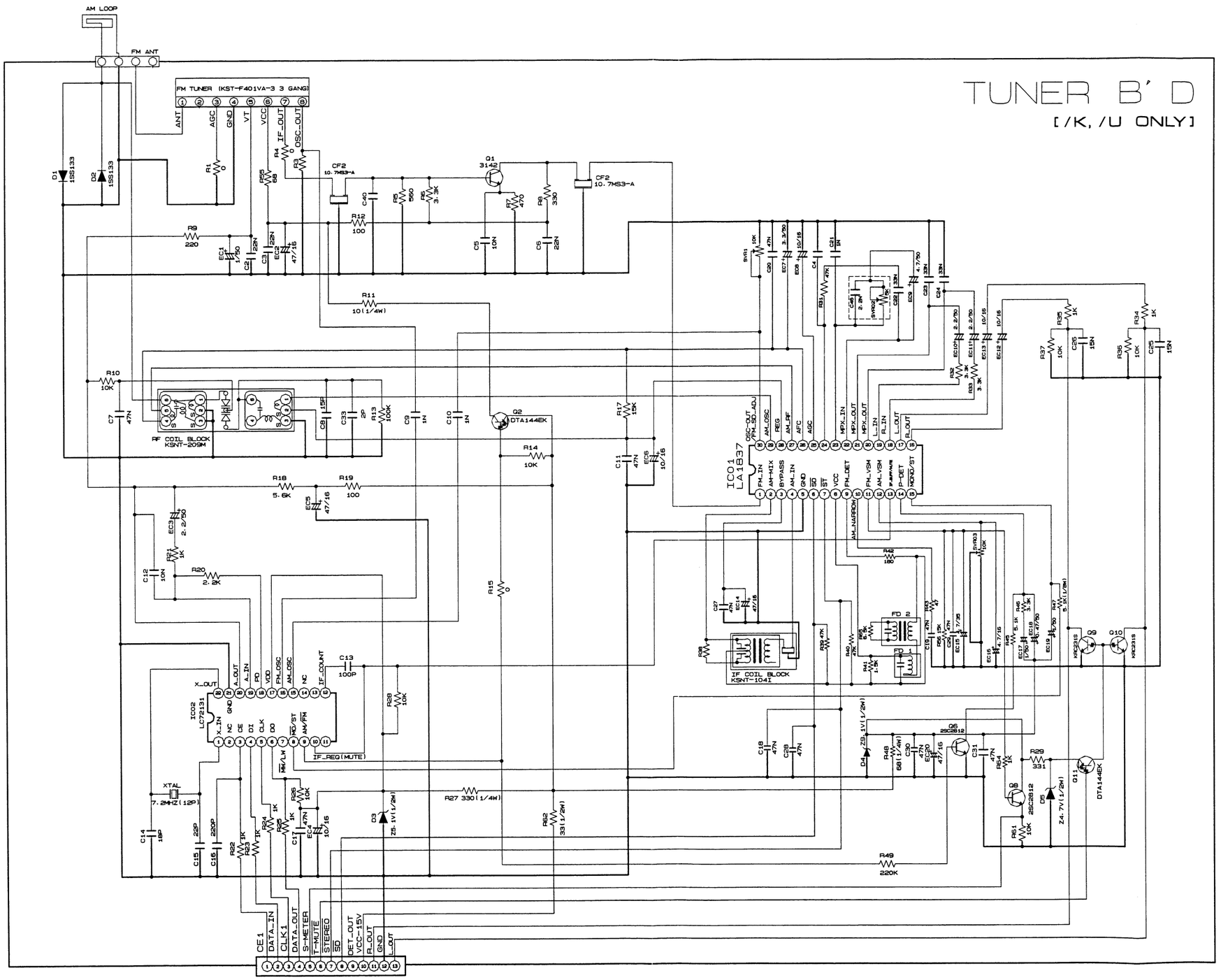
1. Resistor values are indicated in ohms unless otherwise specified [K=1,000 M=1,000,000]
2. Capacitor values are indicated in microfarades unless otherwise specified. [p=micro-microfarades]
3. ⊣□⊢ : These resistor are to be segregated from printed wiring board or other accessible parts.

CAUTION

Safety precaution to be followed during servicing

1) Since those parts marked with ⚠ are critical parts for safety. use only the one described in the parts list
2) Before returning the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.

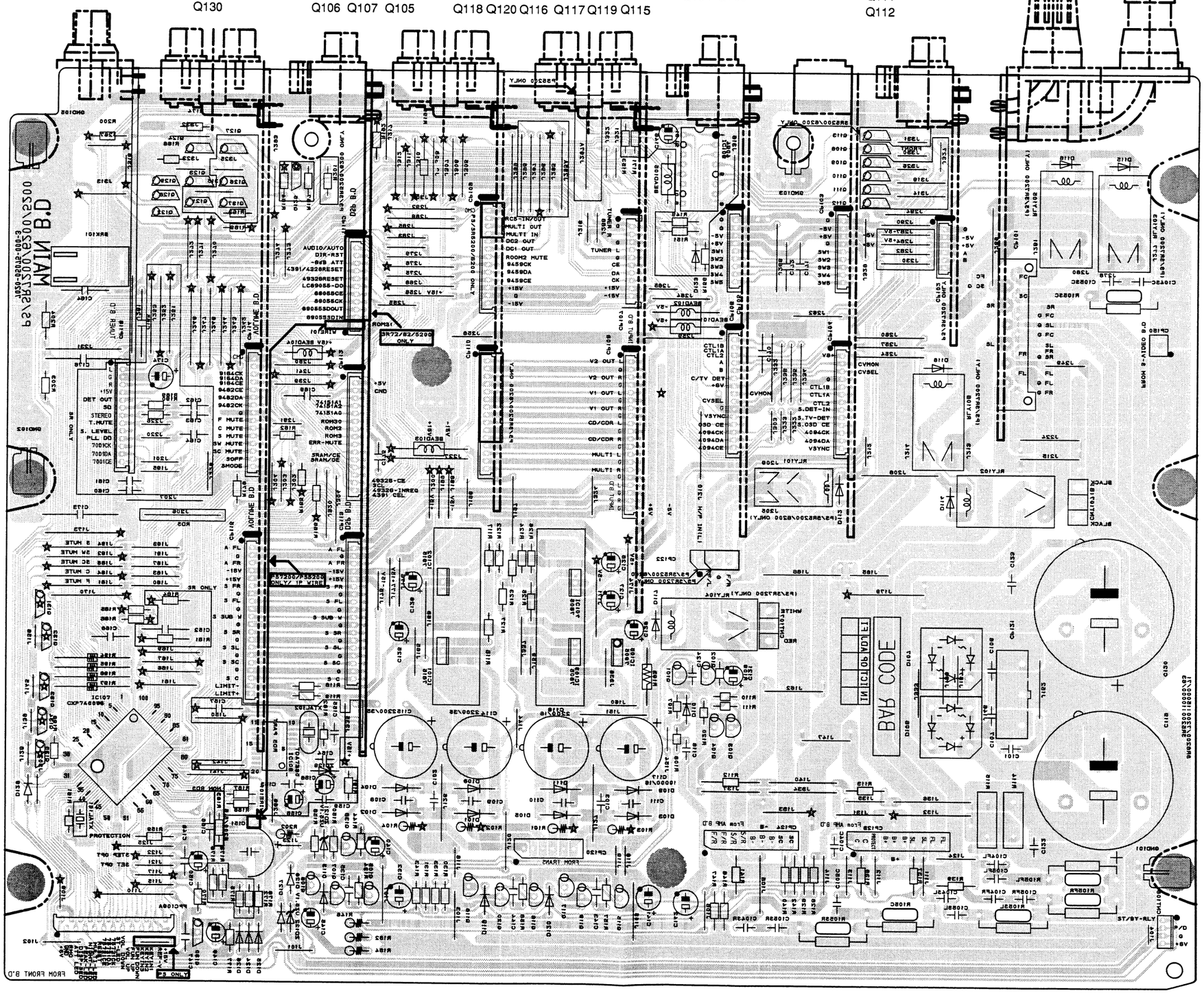
To repair the Tuner circuit board, replace the whole Tuner B'D Assy.
(Refer to the Parts list)



5. PARTS LOCATION

MAIN

Q131
Q132
Q133
Q134
Q135
IC107
Q130
Q124 Q127
Q129 Q123 Q126
Q128 Q121 Q137
Q122
Q125
IC108
Q106 Q107 Q105
Q136
IC102
IC101
Q118 Q120 Q116
IC104
IC103
Q117 Q119
IC105
Q115
IC106
Q101 Q102
Q104 Q103
Q113
Q108
Q109
Q110
Q111
Q112



STEP OPT	S7	R172	R173	SET OPT	S8	R175	R176
U1B	0V	OPEN	47K	7200	0V	OPEN	47K
N1B	1.7V	10K	4.7K	6300	1.7V	10K	4.7K
K1Q	3.3V	10K	15K	5200	3.3V	10K	15K
F1N	5.0V	10K	150K				

AMP

Q201L Q202L Q204L Q203L Q205L Q206L Q207L Q209L Q208L Q215L

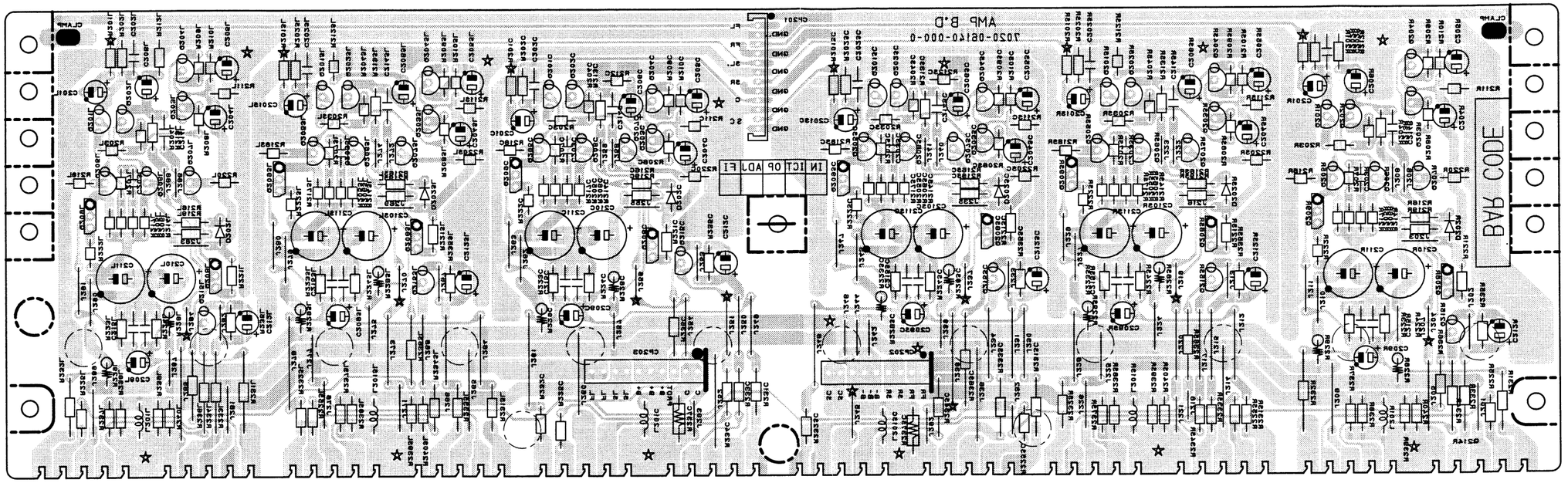
Q201SL Q202SL Q204SL Q205SL Q206SL Q203SL Q207SL Q209SL Q208SL Q215SL

Q201C Q202C Q204C Q205C Q206C Q203C Q207C Q209C Q208C Q215C

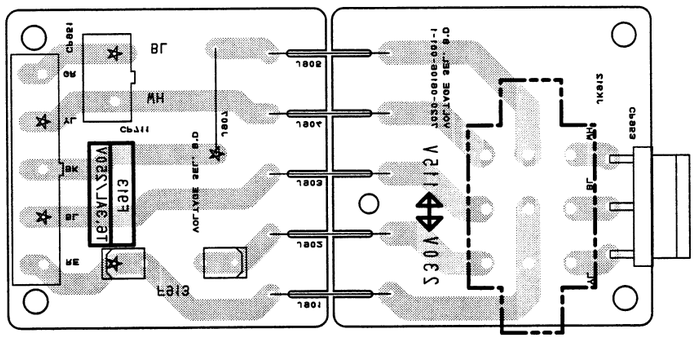
Q201SC Q202SC Q204SC Q205SC Q206SC Q203SC Q207SC Q209SC Q208SC Q215SC

Q201SR Q202SR Q204SR Q205SR Q206SR Q203SR Q207SR Q209SR Q208SR Q215SR

Q201R Q202R Q204R Q205R Q206R Q203R Q207R Q209R Q208R Q215R

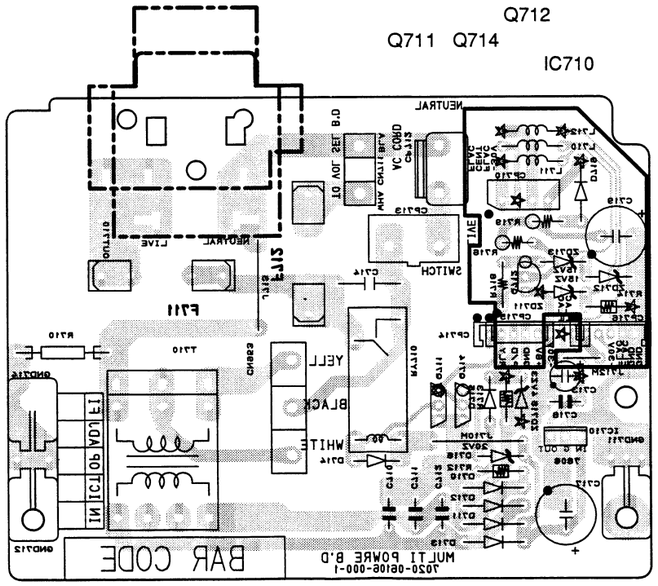


VOLTAGE SEL. [/ K ONLY]



MULTI POWER [/ K ONLY]

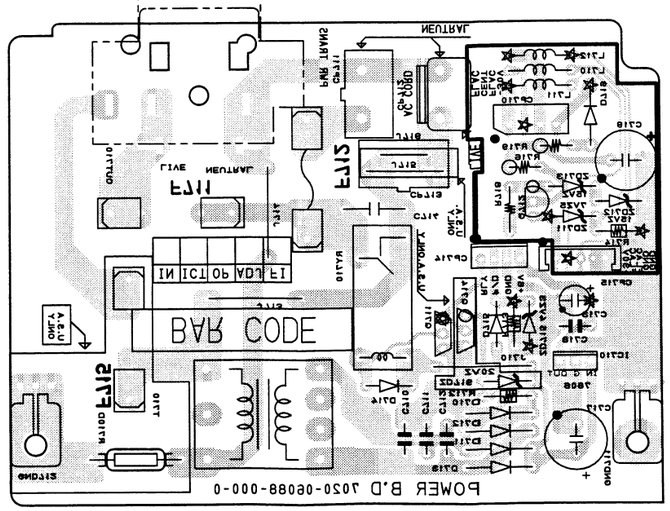
Q712
Q711 Q714
IC710



F711	T2.5AL/250V
F712	T8AL/250V

POWER [/ N, / U, / F ONLY]

Q712
Q711 Q714
IC710



FUSE LABEL

	EUROPE	U.S.A.
F711	T2.5AL/250V	S2.5A/250V
F712	T6.3AL/250V	S8A/250V
F715		S2.5A/250V

FRONT

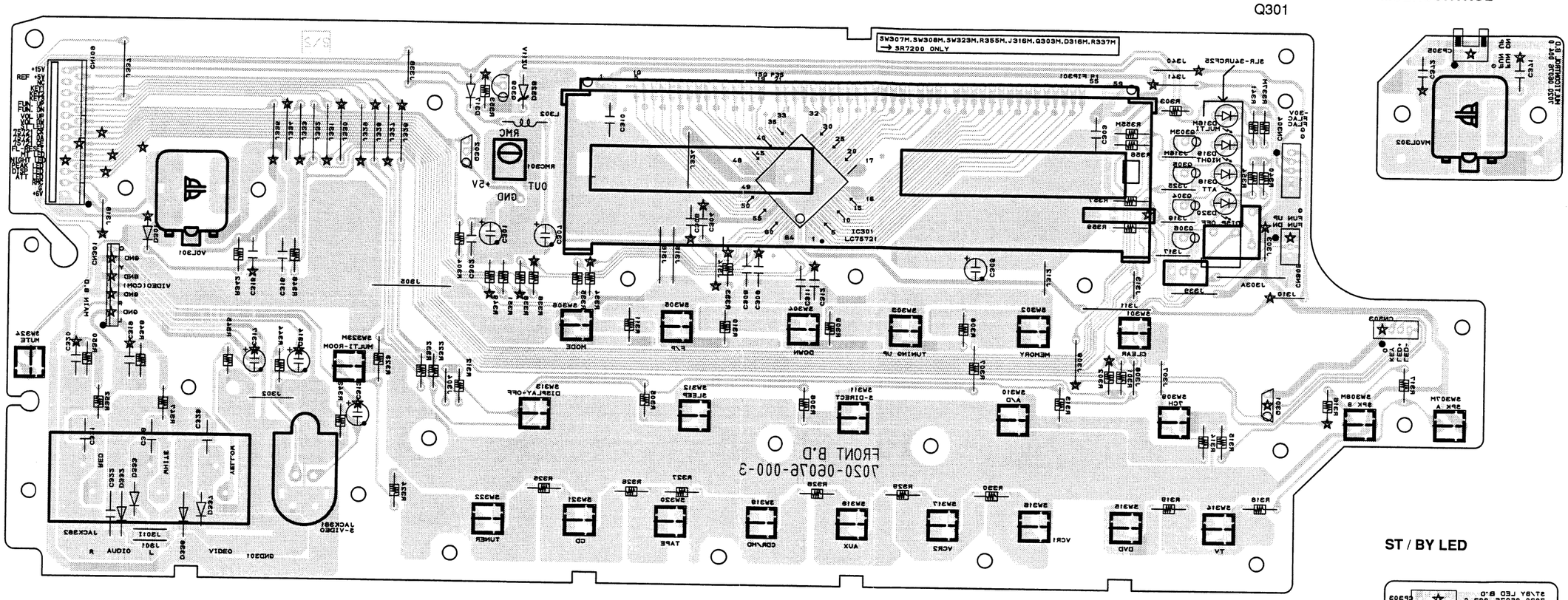
Q309
Q302

IC301

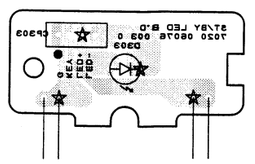
Q303M
Q305
Q304
Q306

Q301

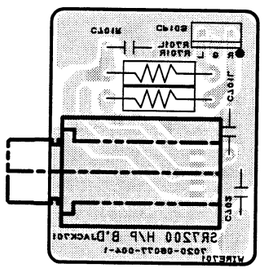
MULTICONTROL



ST / BY LED

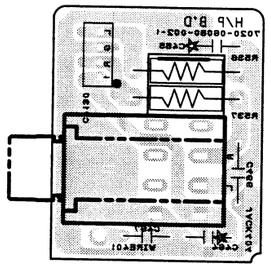


H / P



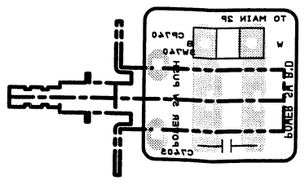
PS7200
SR7200

H / P



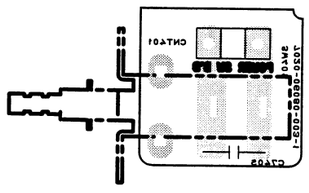
PS5200
SR5200
SR6200

POWER SW



SR7200 / K
SR7200 / N

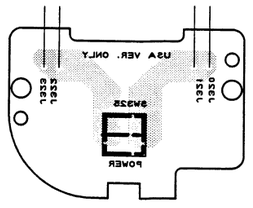
POWER SW



SR5200 / K
SR5200 / N

SR6200 / K
SR6200 / N

POWER SW



PS5200 / F
PS7200 / F

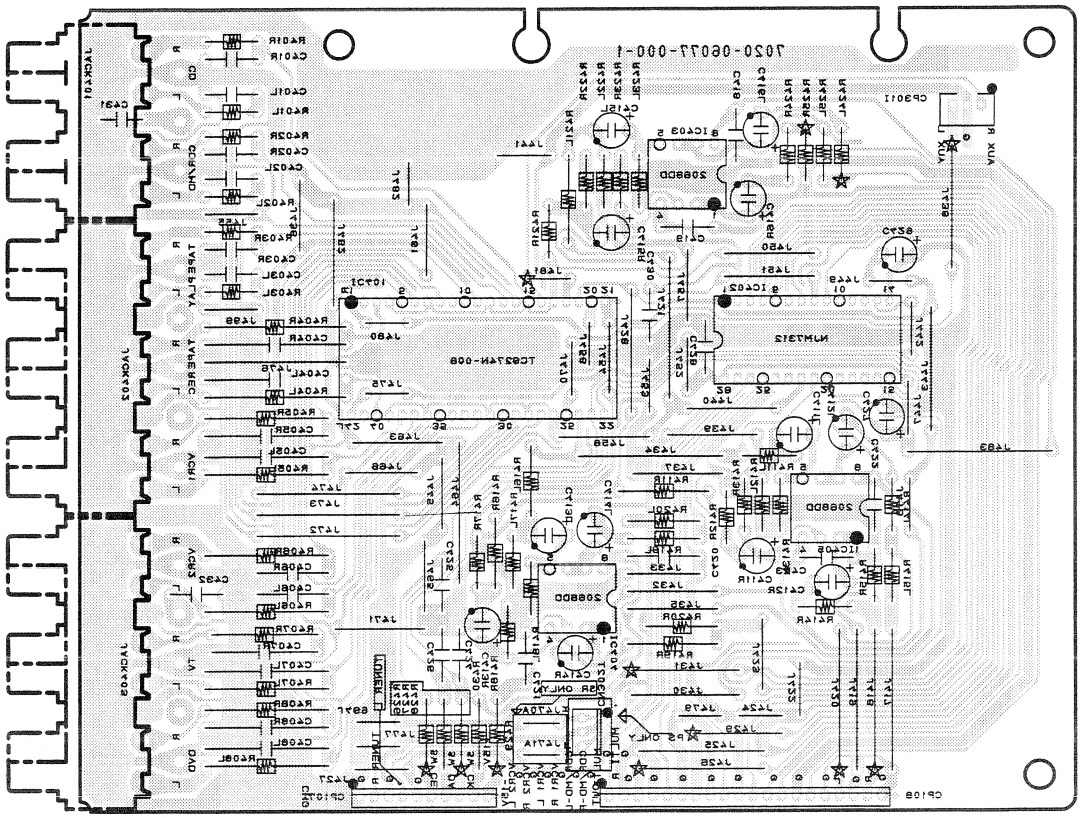
SR5200 / U
SR6200 / U
SR7200 / U

INPUT 1

IC403

IC401 IC402

IC404



INPUT 2

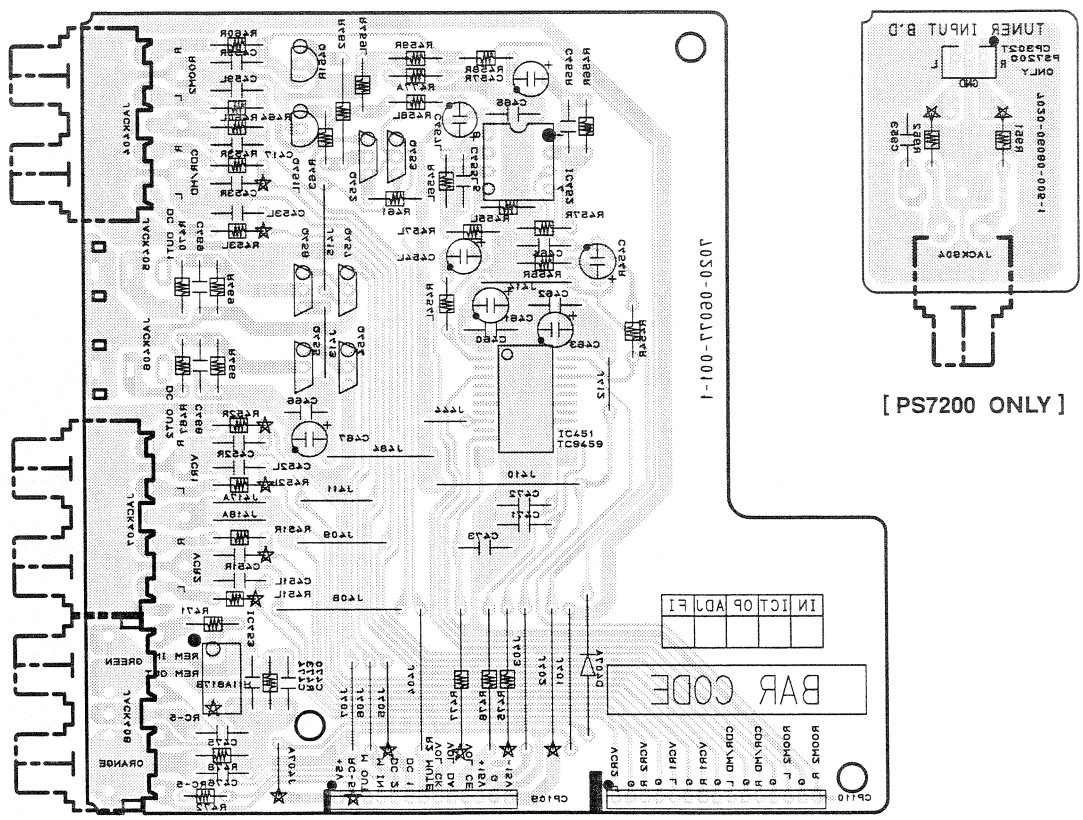
Q451R

Q451L Q452 Q453 IC452

Q458 Q457

Q455 Q454 IC451

TUNER INPUT



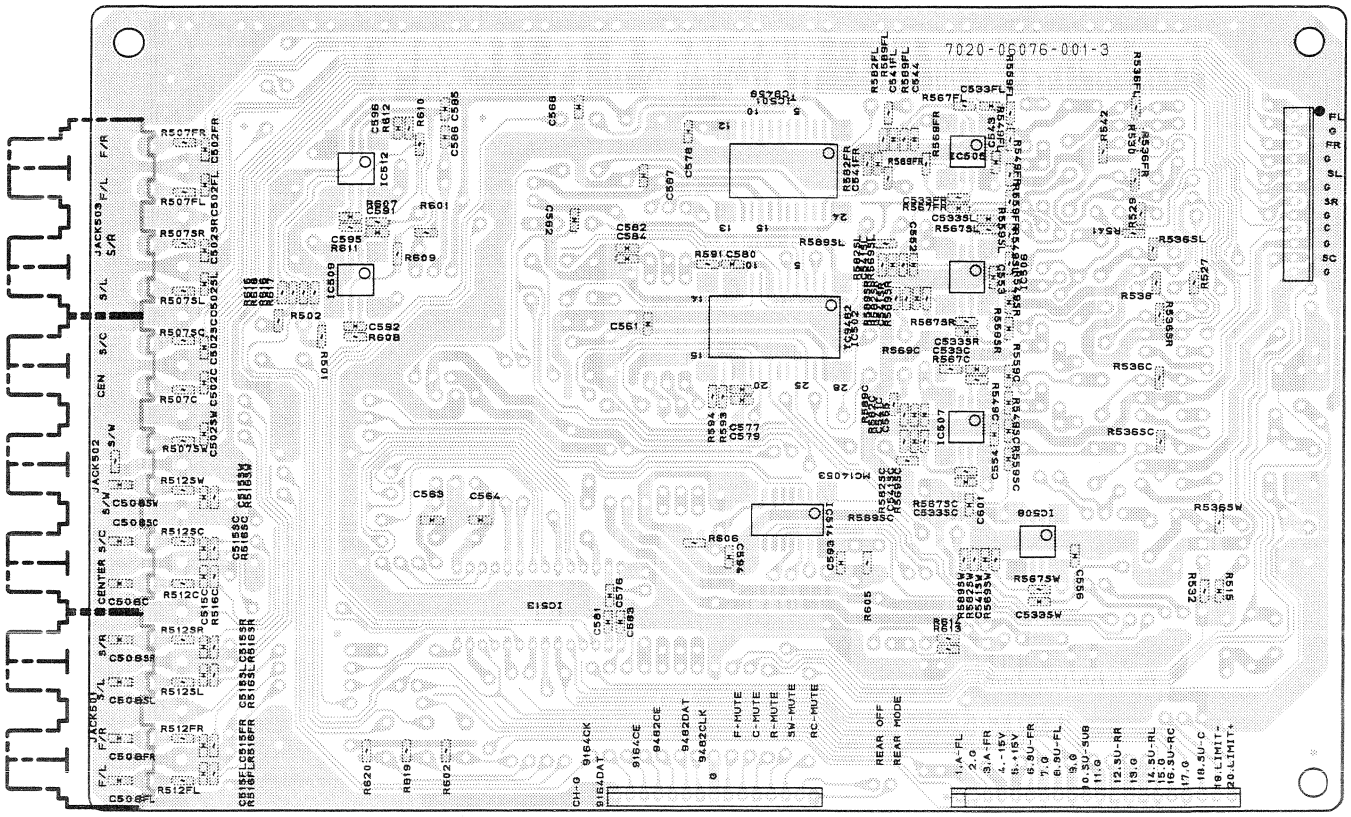
[PS7200 ONLY]

VOLUME
(7CH INPUT / OUTPUT)

IC512
IC509

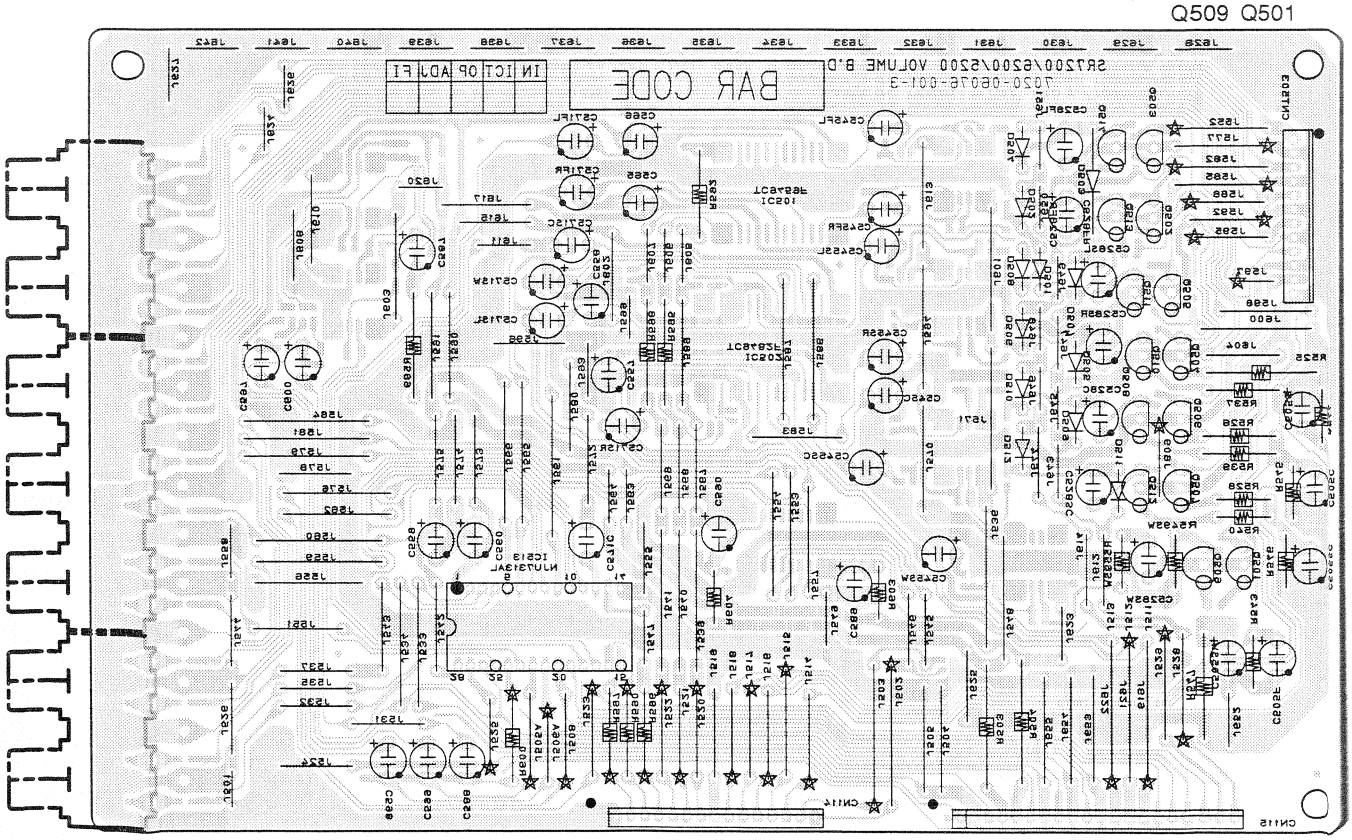
IC501
IC502
IC514

IC505
IC506
IC507
IC508



Q514 Q503
Q513 Q502
Q511 Q505
Q510 Q504
Q508 Q506
Q512 Q507
Q509 Q501

IC513



DSP

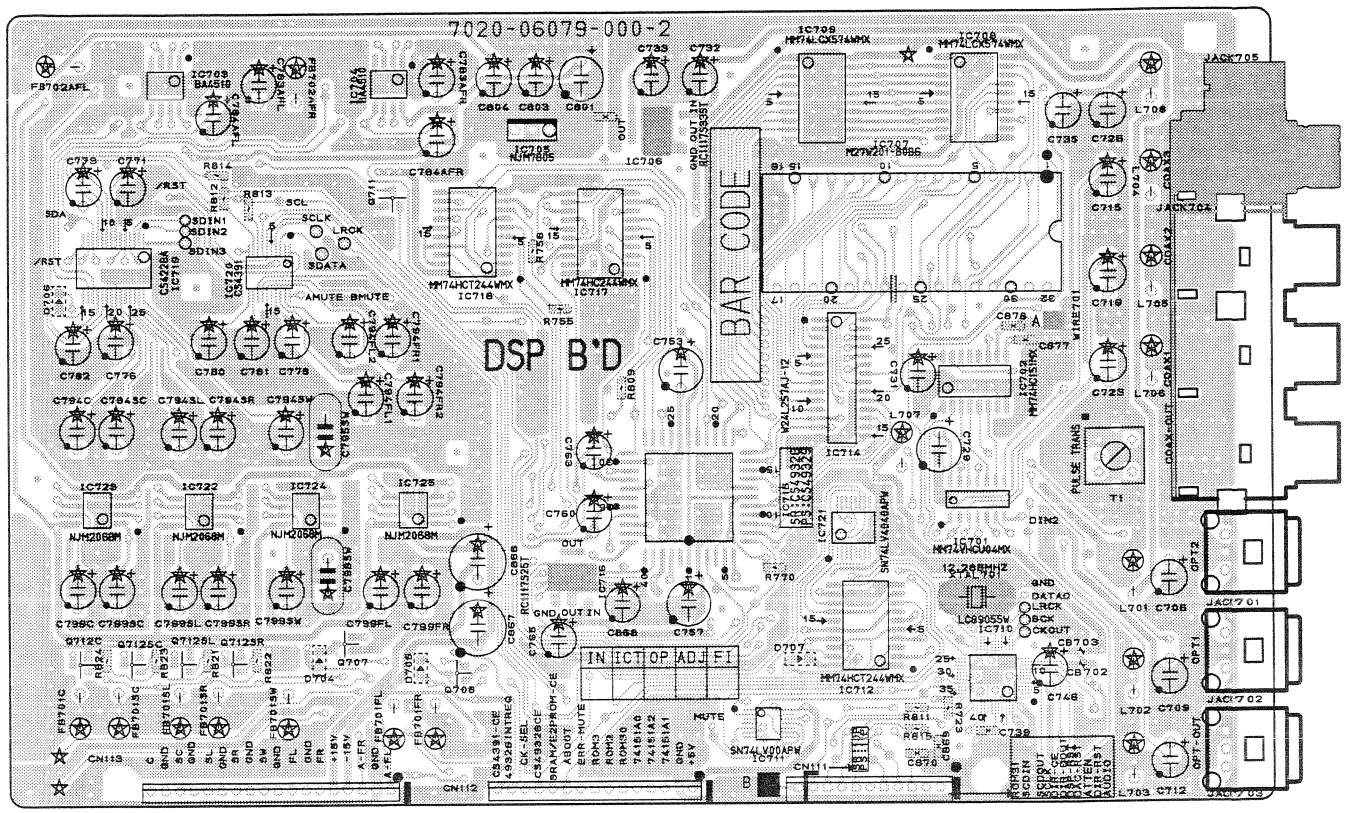
IC703 IC704 IC709 IC708

Q712 IC707

IC719 IC720 Q711 IC718 IC717 IC714 IC702

IC723 IC722 IC724 IC725 IC715 IC721 IC701

Q712C Q712SC Q712SL Q712SR Q707 Q708 IC711 IC712 IC710

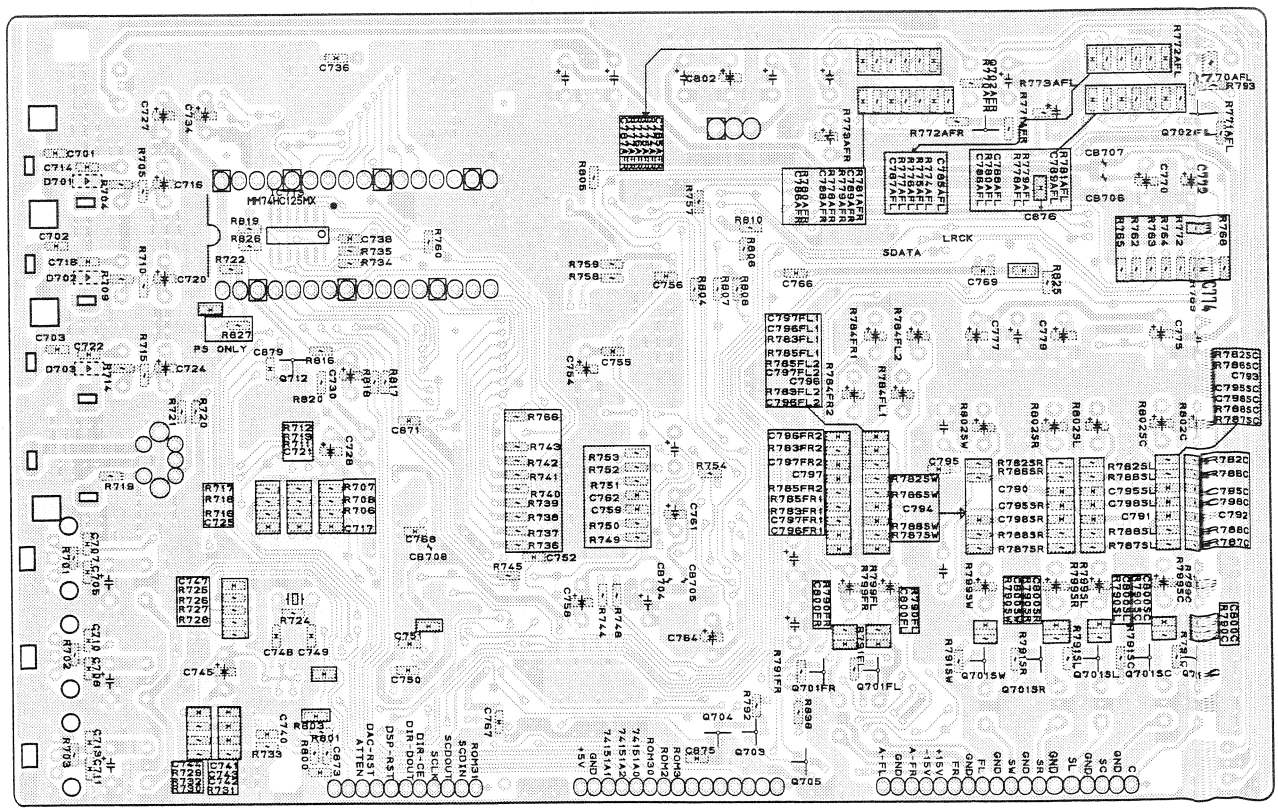


Q702AFR Q702AFL

IC713 Q701FR Q701FL Q701SW Q701SR Q701SL Q701SC Q701C

Q712 Q704 Q703

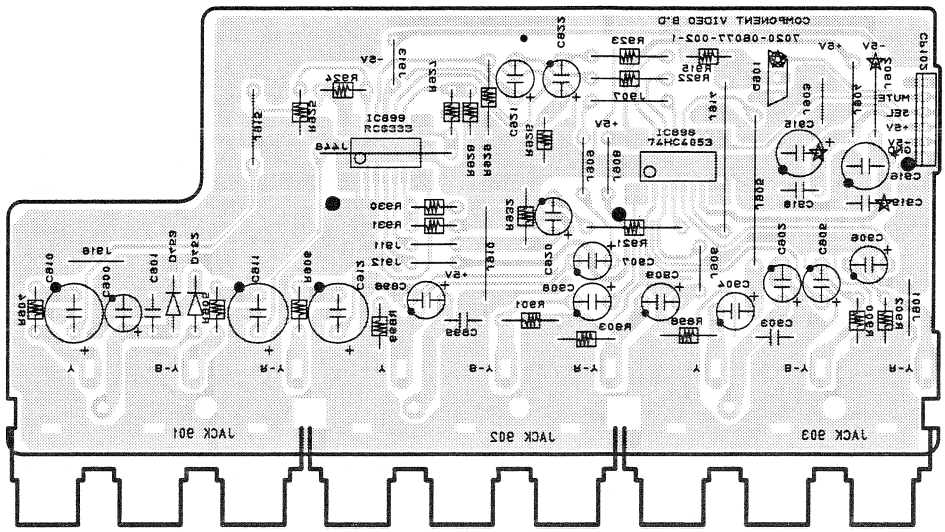
Q705



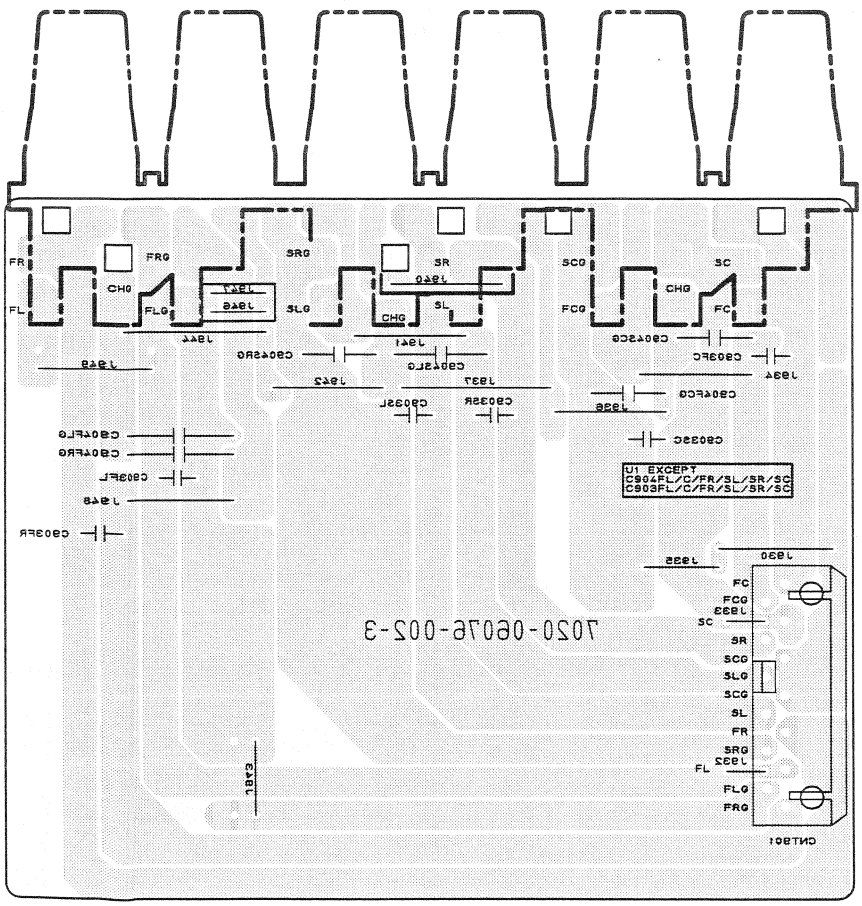
COMPONENT VIDEO [PS7200 / SR7200 ONLY]

Q901

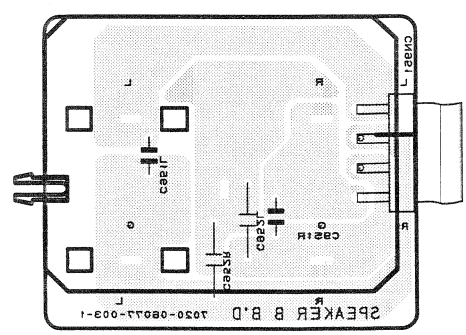
IC899 IC898



SPEAKER A

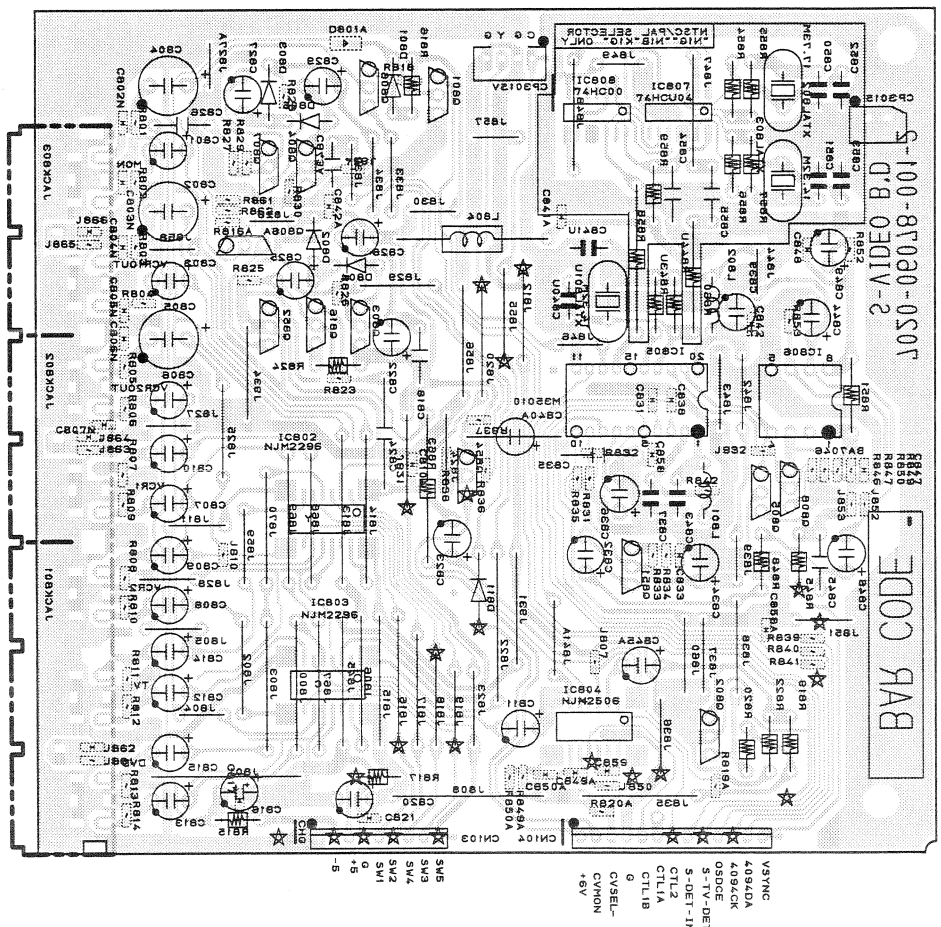


SPEAKER B
[PS7200 / SR7200 ONLY]



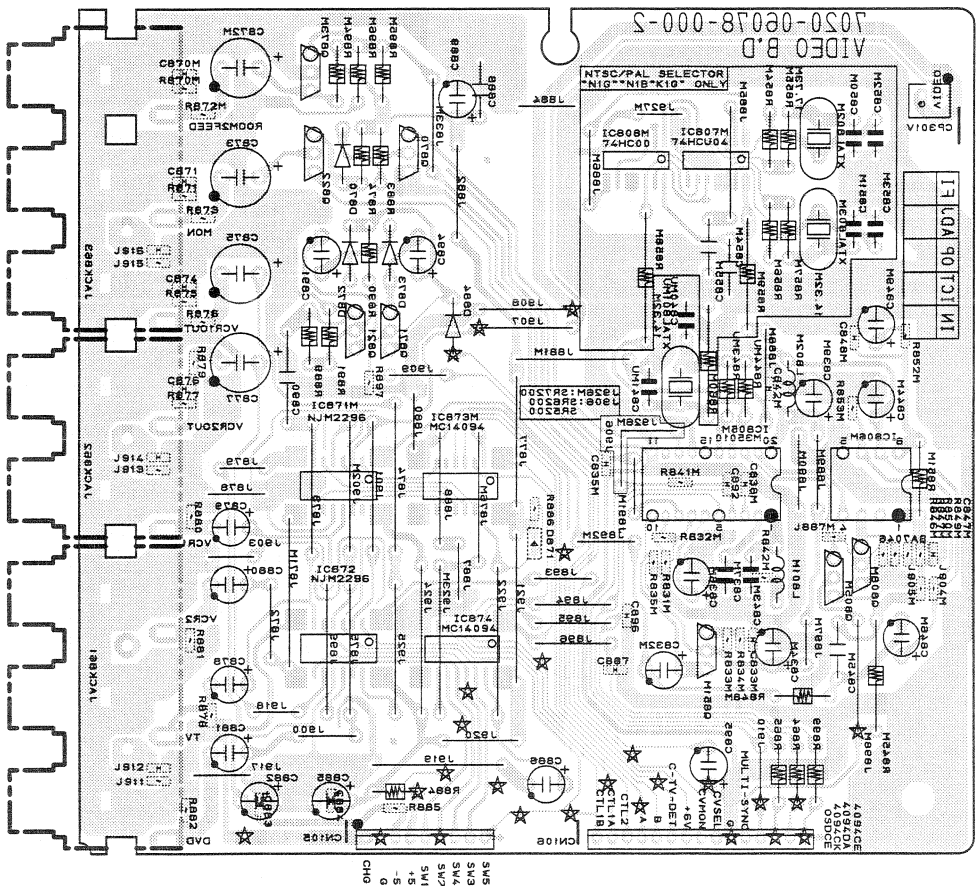
S VIDEO

Q806 Q801 IC808 IC807
Q807 Q804
Q806A
IC805 IC806
Q852 Q816 Q803
IC802 Q854 Q851 Q805 Q808
IC803 IC804 Q802



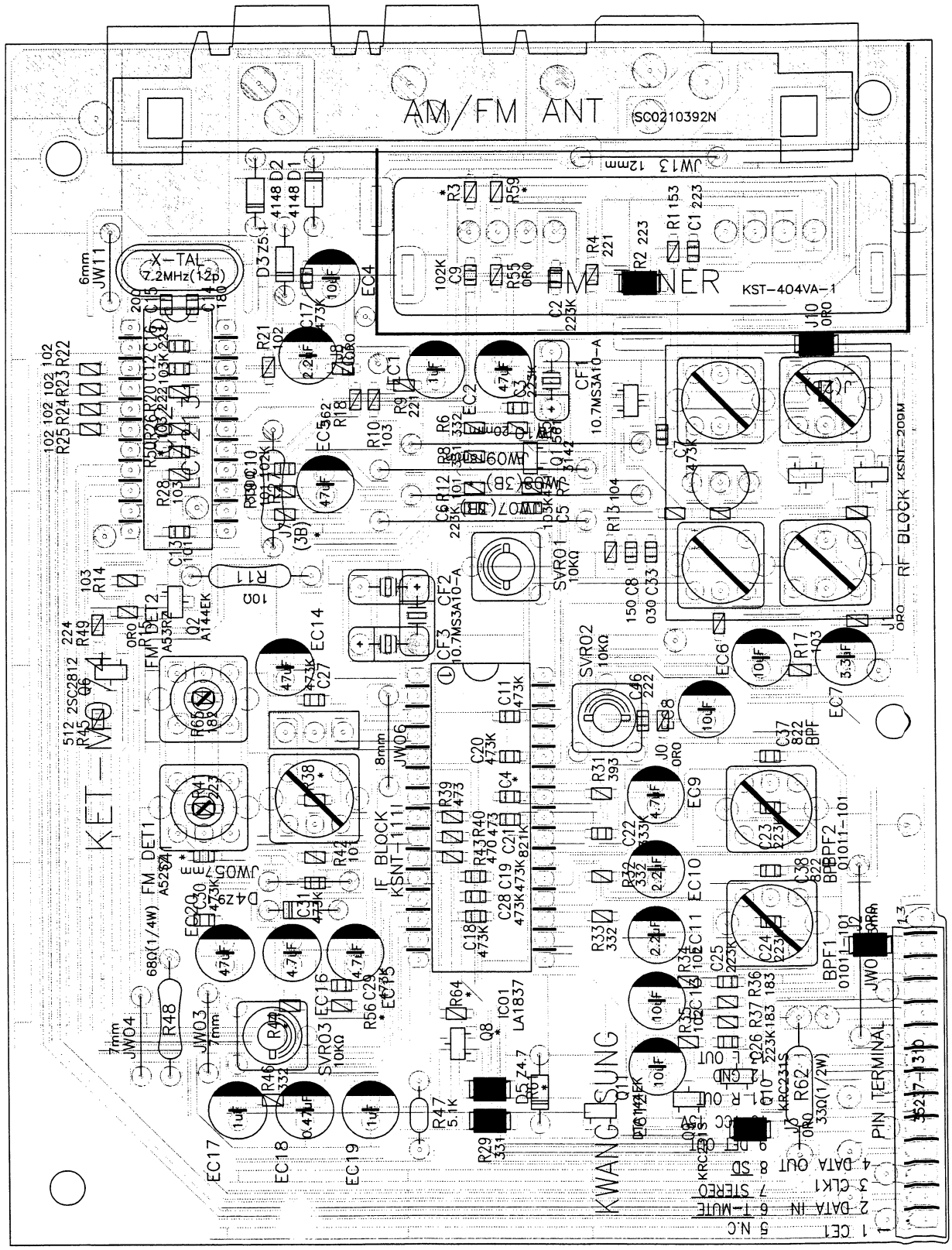
VIDEO

Q873M
Q822 Q870
Q821 Q871 IC805M IC806M
Q805M Q806M
Q851M



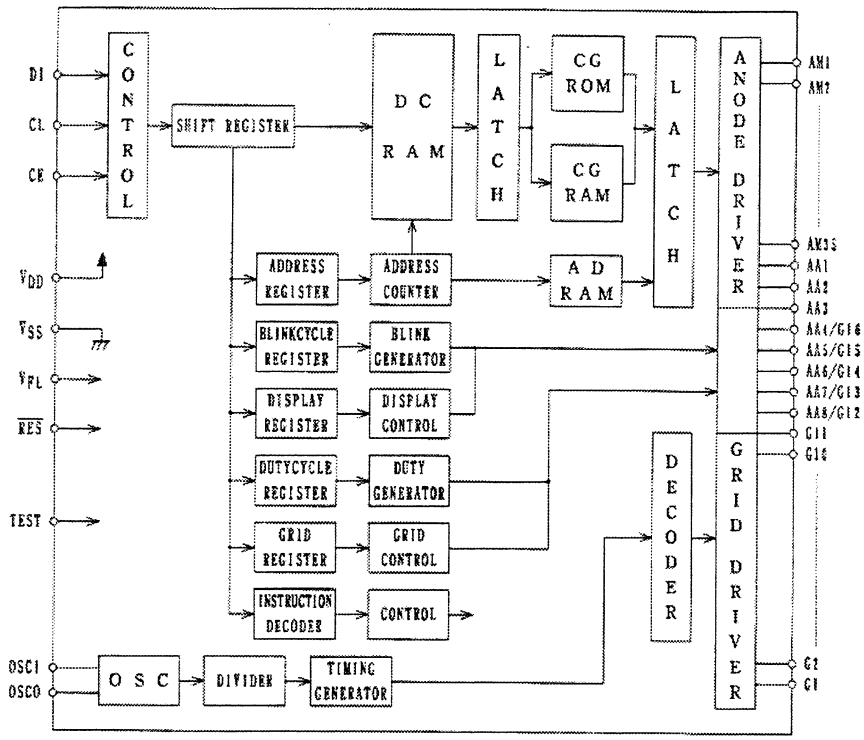
TUNER [/K, /U ONLY]

To repair the Tuner circuit board, replace the whole Tuner B'D Assy.
(Refer to the Parts list)

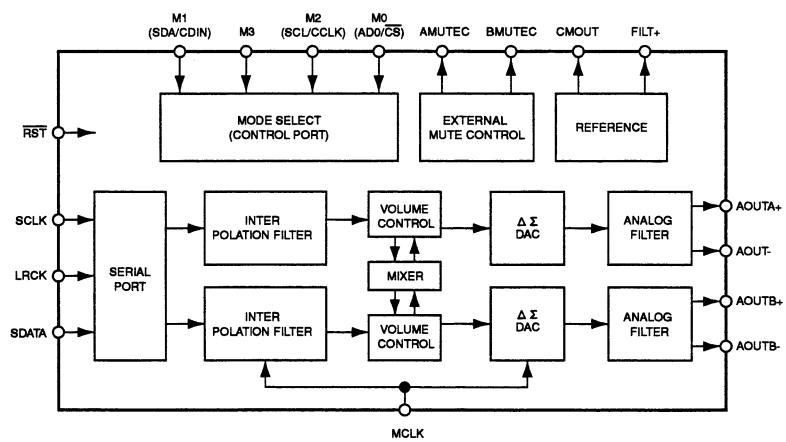


6. IC DATA

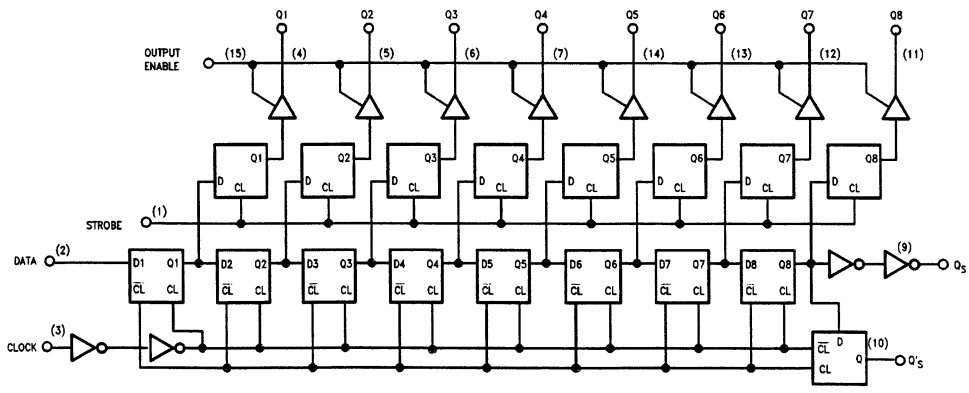
IC301 LC75721E



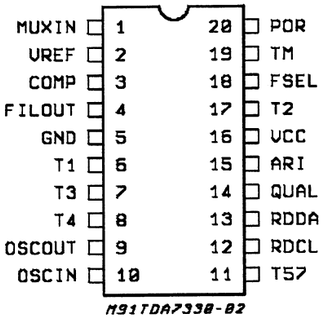
IC720 CS4391

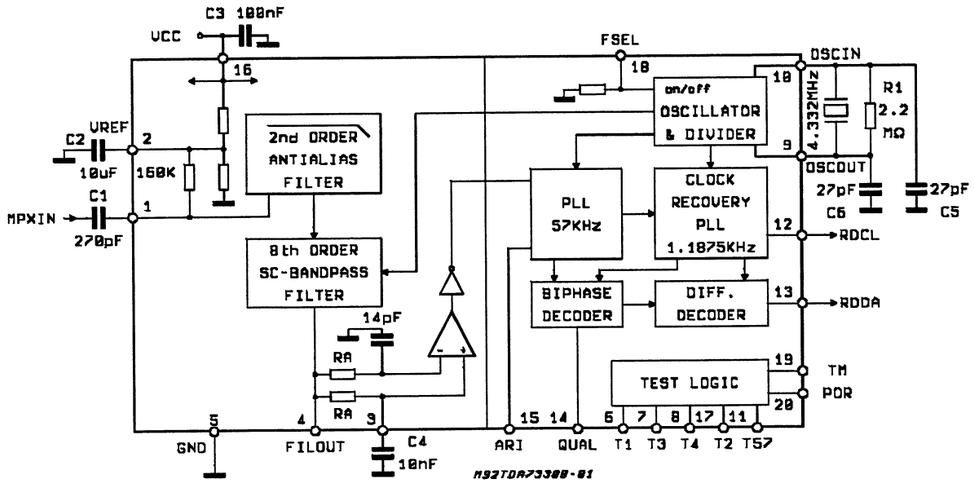


IC106 CD4094BC



IC108 TDA7330

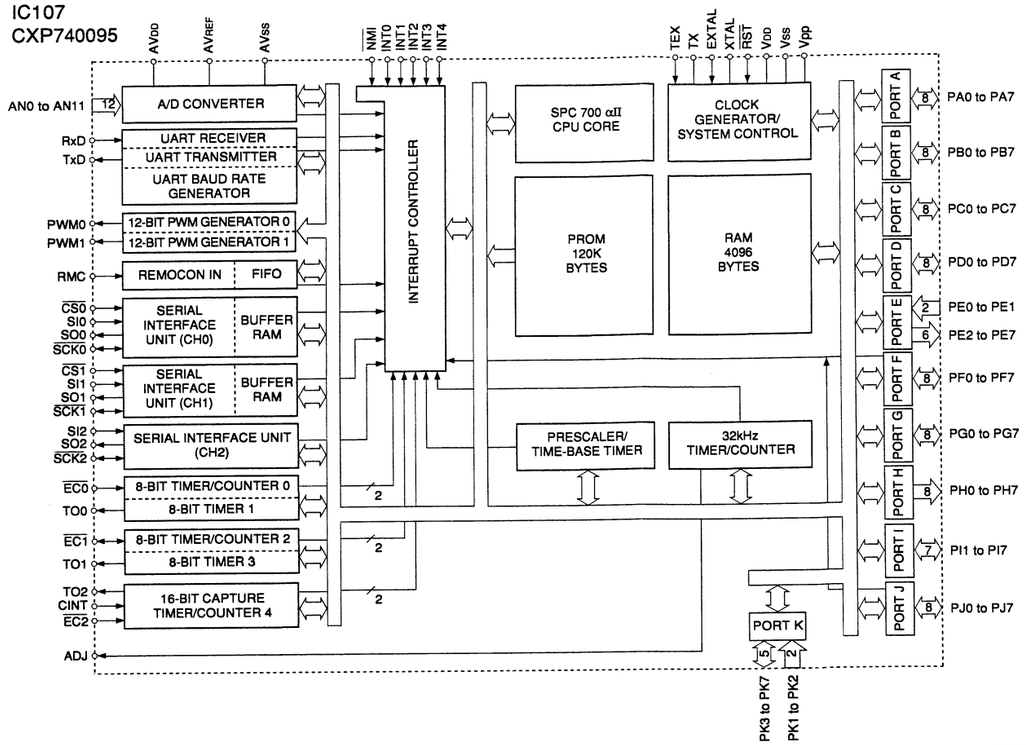




PIN FUNCTION

Nr.	Name	Description
1	MUXIN	RDS input signal.
2	V_{ref}	Reference voltage
3	COMP	Not inverting comparator input (smoothing filter)
4	FIL OUT	Filter Output
5	GND	Ground
6	T1	Testing output pin (not to be used)
7	T3	Testing output pin (not to be used)
8	T4	Testing output pin (not to be used)
9	OSC OUT	Oscillator output
10	OSC IN	Oscillator Input
11	T57	Testing output pin: 57KHz clock output
12	RDCL	RDS clock output (1187.5Hz)
13	RDDA	RDS data output
14	QUAL	Output for signal quality indication (High = good)
15	ARI	Output for ARI indication (High when RDS + ARI signals are present) (High when only ARI is present) (Low when only RDS is present) (indefined when no signal is present)
16	V_{CC}	Supply Voltage
17	T2	Testing output pin (not to be used)
18	FSEL	Frequency selector pin: open = 4.332MHz, closed to Vcc = 8.664MHz
19	TM	Test mode pin (open = normal RUN) (closed to V_{CC} = Test mode)
20	POR	Reset Input for testing (active high)

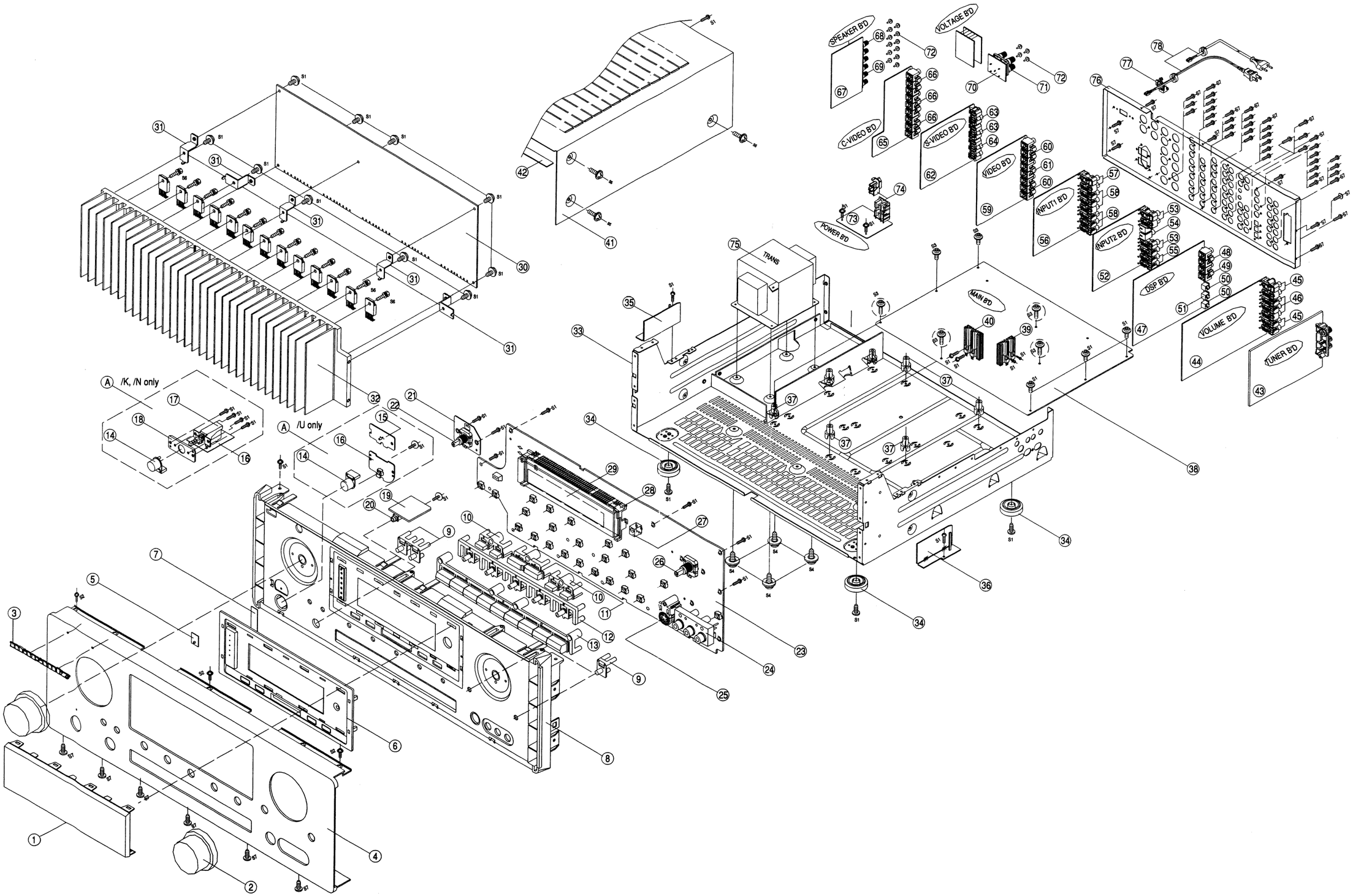
IC107
CXP740095



PIN NO	PIN NAME	DESCRIPTION	IN/OUT	ASSIGN	ACTIVE LEVEL	PULL-UP DOWN
1	DSP INT Request	DSP Interupt Request	I/O	I		
2	Clock Select		I/O	O		
3	DSP CS	DSP Chip Select	I/O	O		
4	RAM CE	RAM Chip Enable	I/O	O		
5	DSP Autoboot		I/O	O		
6	ERR Mute	Error Mute	I/O	O		
7	EPROM Addr. 15	EPROM Address (Pin 3)	I/O	O		
8	EPROM Addr. 16	EPROM Address (Pin 2)	I/O	O		
9	EPROM Addr. 17	EPROM Address (Pin 30)	I/O	O	Low	
10	74151 Select 0	MM74HC151 Select 0 (A0)	I/O	O		
11	74151 Select 2	MM74HC151 Select 0 (A2)	I/O	O		
12	74151 Select 1	MM74HC151 Select 0 (A1)	I/O	O		
13	SDA	DIR/DSP/4228/4391 Serial Data	I/O	I/O		
14	DSP DIN	DSP DATA INPUT (DSP → MCU)	I/O	I		
15	SCL	DIR/DSP/4228/4391 Serial Clock	I/O	O		
16	DIR CE	DIR Chip Enable	I/O	O		
17	DIR DIN	DIR Data Input (DIR → MCU)	I/O	I		
18	DSP Reset	CS49326 Reset	I/O	O		
19	DAC Reset	4228/4391 Reset	I/O	O		
20	6dB ATT	6dB Attenuation	I/O	O		
21	Multiroom Mute		I/O	O		
22	F_SPK_RLY	Front Speaker Relay	I/O	O		
23	H/P RLY	HeadPhone Relay	I/O	O		
24	Mul_OSD CE	Multiroom OSD Chip Enable(SR6200: C-VIDEO Mute)	I/O	O		
25	Front Mute		I/O	O		
26	Center Mute		I/O	O		
27	R Center Mute	Rear Center Mute	I/O	O		
28	Subwoofer Mute		I/O	O		
29	Rear Mute		I/O	O		
30	Power Relay		I/O	O		
31	Main OSD CE	Main OSD Chip Enable	O	O		PU
32	DAC CS	DAC(CS4391) Chip Select	O	O		PU
33			O	O		PU
34	ATT LED	Attenuation LED	O	O	Low	PU
35	Display Off LED		O	O	Low	PU
36	EPROM Addr. 17	EPROM Address (Pin 31)- PS7200/PS5200 ONLY	O	O		PU
37	Night Mode LED		O	O	Low	PU
38	Multi-Room LED		O	O	Low	PU
39	FL Reset		I/O	O		
40	MCU Reset			I	Low	
41	GND	Vss				
42	XTAL	12MHz				
43	EXTAL		I	I		
44	FL Drv. CE	FL Driver(LC75721E) Chip Enable	I/O	O	Low	
45	FL Drv. Data	FL Driver(LC75721E) Data	I/O	O		
46	FL Drv. CLK	FL Driver(LC75721E) Clock	I/O	O		
47	Standby LED		I/O	O	L/H	
48	Vol.Encoder Down	Volume Encoder Down	I/O	I		
49	Vol.Encoder Up	Volume Encoder Up	I/O	I		
50	Multi Encoder Up	Multi-Room Volume Encoder Up	I/O	I		
51	Multi Encoder Down	Multi-Room Volume Encoder Down	I/O	I		

PIN NO	PIN NAME	DESCRIPTION	IN/OUT	ASSIGN	ACTIVE LEVEL	PULL-UP DOWN
52	GND	Avss				
53	VDD	AVREF	I			
54	VDD	AVDD				
55	Protection		I/O	I		
56	DIR Reset		I/O	O		
57	Step Option		I/O	I		
58	Set Option		I/O	I		
59	Key3		I	I		
60	Key2		I	I		
61	Key1		I	I		
62	Auto/Audio from DIR		I	I		
63	Auto TV(C)		I/O	I		
64	Auto TV(S)		I/O	I		
65	4094 CE	4094 Chip Enable	I/O	O		
66	Multi-Room V-SYNC		I/O	I	Low	
67	S. Video Detector		I/O	I	Low	
68	V-SYNC		I/O	I	Low	
69	Multi RC5 In		I/O	I		
70	Kill RC5		I/O	O		
71	N.C		O	O		
72	N.C		O	O		
73	4094(RLY,DC) CE	4094 (RLY,DC0) Chip Enable	O	O		
74	TC9274/9164 CLK	TC9274 / 9164 Clock	O	O		
75	TC9274/9164 Data		O	O		
76	TC9274/9164 CE	TC9274 / 9164 Chip Enable	O	O		
77	Power Down Check		I	I		
78	RDS Clock		I	I		
79	RDS Data		I/O	O		
80	Headphone Check		I/O	I		
81	Rear Mode		I/O	O	Low	
82	Rear Off		I/O	O	Low	
83	Multi-Room RC5 Out		I/O	O		
84	RC5 Out		I/O	O	Low	
85	Remote Control	RC5 In	I/O	I		
86			I	I		
87			I	I		
88	GND	Vss				
89	VDD	VDD				
90	N.C					
91	PLL/Vol. CLK	PLL / Volume Clock	I/O	O		
92	PLL/Vol. Data	PLL / Volume Data	I/O	O		
93	TC9459/9842 CE	TC9459 / 9842 Chip Enable	I/O	O		
94	PLL Data In	PLL Data In (PLL → MCU)	I/O	I		
95	Tuner Mute		I/O	O		
96	Stereo		I/O	I		
97	Tuned		I/O	I		
98	PLL CE	PLL Chip Enable	I/O	O		
99	4094/OSD CLK	4094 / OSD Clock	I/O	O		
100	4094/OSD Data		I/O	O		

7. EXPLODED VIEW AND PARTS LIST



POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
1		9965 000 11434	WINDOW WINE FOR FL	322W158030
2	GOLD	9965 000 10608	KNOB VOLUME AL(GOLD)	313W154510
2	BLACK	9965 000 09311	KNOB VOLUME AL(BLACK)	313W154500
3		4822 454 13406	BADGE(MARANTZ)	168W251010
4	GOLD	9965 000 11445	PANEL FRONT AL FOR K & N(GOLD)	322W248120
4	NxB	9965 000 11435	PANEL FRONT AL FOR N(BLACK)	322W248020
4	UxB	nsp	PANEL FRONT AL FOR U(BLACK)	322W248010
5		9965 000 10951	INDICATOR ACRYL MILK	322W355010
6	GOLD	9965 000 11029	PANEL SUB FRONT(GOLD)	322W053110
6	BLACK	9965 000 10952	PANEL SUB FRONT(BLACK)	322W053010
7		9965 000 10953	FILTER COVER LED	322W303010
8	GOLD	nsp	PANEL FRONT MOLD(GOLD)	nsp
8	BLACK	nsp	PANEL FRONT MOLD(BLACK)	nsp
9	GOLD	9965 000 11030	BUTTON MUTE(GOLD)	322W270140
9	BLACK	9965 000 10954	BUTTON MUTE(BLACK)	322W270040
10	GOLD	9965 000 11031	BUTTON MEMO(GOLD)	322W270130
10	BLACK	9965 000 10955	BUTTON MEMO(BLACK)	322W270030
11	GOLD	9965 000 11032	BUTTON TUNING(GOLD)	322W270120
11	BLACK	9965 000 10956	BUTTON TUNING(BLACK)	322W270020
12	GOLD	9965 000 11033	BUTTON 5KEY(GOLD)	322W270150
12	BLACK	9965 000 10957	BUTTON 5KEY(BLACK)	322W270050
13	GOLD	9965 000 11034	BUTTON 9KEY(GOLD)	322W270160
13	BLACK	9965 000 10958	BUTTON 9KEY(BLACK)	322W270060
14	GOLD	9965 000 11035	BUTTON POWER(GOLD)	322W270110
14	BLACK	9965 000 10959	BUTTON POWER(BLACK)	322W270010
⚠ 15	K, N	nsp	P.C.B SUB ASSY,STAND-BY FOR K & N	nsp
⚠ 15	U	nsp	P.C.B SUB ASSY,STAND-BY FOR U	nsp
⚠ 16	K, N	nsp	P.C.B SUB ASSY,POWER SW FOR K & N	nsp
⚠ 16	U	nsp	P.C.B SUB ASSY,POWER SW FOR U	nsp
⚠ 17	K, N	9965 000 10960	SW PUSH,MAINS SDDL-005-S	*SP001160R
18	K, N	nsp	BRACKET POWER	nsp
⚠ 19		nsp	P.C.B SUB ASSY,HEAD PHONE	nsp
20		9965 000 11436	JACK D6.5,HEADPHONE JACK H20380060G	*YT002750R
⚠ 21		nsp	P.C.B SUB ASSY,M-CONTROL	nsp
22		9965 000 10605	SW ENCODER, EC1612S00D4-ZZZ	*SR000190R
⚠ 23		nsp	P.C.B SUB ASSY,FRONT	nsp
24		9965 000 10962	TER RCA 3PIN,CIN JACK 3P	*YT000870R
25		9965 000 10963	JACK D6.5,C40160250N	*YT002530R
26		9965 000 10964	SW ENCODER, EC1624T01D4-ZZZ	*SR000200R
27		4822 130 11515	REMOTE MODULE RPM6936-H4	*HW100530R
28		nsp	HOLDER FL TUBE	nsp
29		9965 000 10965	DISPLAY FLT, FL TUBE HNA-15MM19	*HQ300510R
⚠ 30		nsp	P.C.B SUB ASSY,AMP	nsp
31		nsp	BRACKET FOR HEAT SINK	nsp
32		nsp	HEAT SINK POWER	nsp
33		nsp	ASSIS ASSY	nsp
34		9965 000 10966	FOOT HOT STAMPING	322W057010
⚠ 35		nsp	P.C.B SUB ASSY,GUIDE LEFT	nsp
⚠ 36		nsp	P.C.B SUB ASSY,GUIDE RIGHT	nsp
37		nsp	KNOB SPACER	nsp
⚠ 38	K	nsp	P.C.B SUB ASSY,MAIN FOR K	nsp
⚠ 38	N	nsp	P.C.B SUB ASSY,MAIN FOR N	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
⚠ 38	U	nsp	P.C.B SUB ASSY,MAIN FOR U	nsp
39		nsp	HEAT SINK FOR TR.	nsp
40		nsp	HEAT SINK FOR TR.	nsp
41	GOLD	nsp	TOP COVER(GOLD)	nsp
41	BLACK	nsp	TOP COVER(BLACK)	nsp
42		nsp	CUSHION,BUFFER RS-717	nsp
43	K	nsp	TUNER FM,TUNER FOR K KM9014MA1-3	*AV000190R
43	N	9965 000 10967	TUNER AM/LW,TUNER FOR N KM9014LA1-3	*AV000170R
43	U	nsp	TUNER FM,TUNER FOR U KM9014MA0-3	*AV000180R
⚠ 44		nsp	P.C.B SUB ASSY,VOLUME	nsp
45		9965 000 10968	TER RCA 4PIN,CIN JACK JK0400450N	*YT001600R
45		9965 000 10968	TER RCA 4PIN,CIN JACK JK0400450N	*YT001600R
46		9965 000 10969	TER RCA 6PIN,CIN JACK JK060046EN	*YT002650R
⚠ 47		nsp	P.C.B SUB ASSY,DSP	nsp
48		9965 000 11437	TER RCA 2PIN,CIN JACK JC020009XN	*YT002730R
49		9965 000 11438	TER RCA 2PIN,CIN JACK JC020009UN	*YT002720R
50		9965 000 10971	MODULE, GP1FA502RZ /OPTICAL RX	*YT002570R
50		9965 000 10971	MODULE, GP1FA502RZ /OPTICAL RX	*YT002570R
51		9965 000 10972	MODULE, GP1FA502TZ /OPTICAL TX	*YT002580R
⚠ 52	K, N	nsp	P.C.B SUB ASSY,INPUT2 FOR K & N	nsp
⚠ 52	U	nsp	P.C.B SUB ASSY,INPUT2 FOR U	nsp
53		9965 000 10968	TER RCA 4PIN,CIN JACK JK0400450N	*YT001600R
54		9965 000 11439	TER RCA,CIN JACK LGY6501-0600C	*YT002760R
55		9965 000 11440	TER RCA 4PIN,CIN JACK JE040060MN	*YT002740R
⚠ 56	K, N	nsp	P.C.B SUB ASSY,INPUT1 FOR K & N	nsp
⚠ 56	U	nsp	P.C.B SUB ASSY,INPUT1 FOR U	nsp
57		9965 000 10968	TER RCA 4PIN,CIN JACK JK0400450N	*YT001600R
58		9965 000 10973	TER RCA 6PIN,CIN JACK JK060046CN	*YT002640R
⚠ 59	K, N	nsp	P.C.B SUB ASSY, V-COMPOSITE FOR K & N	nsp
⚠ 59	U	nsp	P.C.B SUB ASSY, V-COMPOSITE FOR U	nsp
60		9965 000 10975	TER RCA 3PIN,CIN JACK JC030012FN	*YT002630R
61		9965 000 10976	TER RCA 2PIN,CIN JACK JC0200095N	*YT002610R
⚠ 62	K, N	nsp	P.C.B SUB ASSY,S-VIDEO FOR K & N	nsp
⚠ 62	U	nsp	P.C.B SUB ASSY,S-VIDEO FOR U	nsp
63		9965 000 10977	JACK D6.5,JACK S-VIDEO YKF51-5516	*YT002540R
64		9965 000 10978	JACK DIN,JACK S-VIDEO YKF51-5512	*YT002560R
⚠ 65		nsp	P.C.B SUB ASSY,C-VIDEO	nsp
66		9965 000 11441	TER RCA 3PIN,CIN JACK JC030012LN	*YT002770R

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
⚠ 67	K, N	nsp	P.C.B SUB ASSY,SPEAKER FOR K & N	nsp
⚠ 67	U	nsp	P.C.B SUB ASSY,SPEAKER FOR U	nsp
68		9965 000 10979	TER BOARD SCREW 8P, SPEAKER TERMINAL SH0810360P	*YT001290R
69		9965 000 10980	TER BOARD SCREW 4P, SPEAKER TERMINAL SH0410370P	*YT002590R
⚠ 70	K, N	nsp	P.C.B SUB ASSY,SPEAKER B FOR K & N	nsp
⚠ 70	U	nsp	P.C.B SUB ASSY,SPEAKER B FOR U	nsp
71		9965 000 11442	TER BOARD SCREW 4P, SPEAKER TERMINAL SH0410770P	*YT002780R
72	K, N	nsp	BUSHING SPEAKER TERMINAL	nsp
⚠ 73	K	nsp	P.C.B SUB ASSY,POWER FOR K	nsp
⚠ 73	N	nsp	P.C.B SUB ASSY,POWER FOR N	nsp
⚠ 73	U	nsp	P.C.B SUB ASSY,POWER FOR	nsp
⚠ 74	N	9965 000 10981	SOCKET POWER RECEPTA, AC OUTLET YKE31-0090	*YT000920R
⚠ 74	U	nsp	SOCKET POWER RECEPTA, AC OUTLET CCT1304-0212	*YT000910R
⚠ 75	K	nsp	MAINS TRANSF. FOR K	*TS001580R
⚠ 75	N	9965 000 11059	MAINS TRANSF. FOR N	*TS001570R
⚠ 75	U	nsp	MAINS TRANSF. FOR U	*TS001560R
76	K	nsp	REAR PANEL FOR K	nsp
76	N	nsp	REAR PANEL FOR N	nsp
76	U	nsp	REAR PANEL FOR U	nsp
77		9965 000 11058	STOPPER, CORD HOLDER DA-1	323W259030
⚠ 78	K	nsp	MAINS CORD WITH CORE FOR K	*ZC000140R
⚠ 78	N	9965 000 10983	MAINS CORD WITH CORE FOR N	*ZC000160R
⚠ 78	U	nsp	MAINS CORD WITH CORE FOR U	*ZC000150R
⚠ 79	K	nsp	P.C.B SUB ASSY, VOLTAGE SELECTOR FOR K	nsp
S1		nsp	SCREW TAP TITE, +2S 3*8 B-TYPE ZNY/BH	nsp
S2		nsp	SCREW TAP TITE, +2S 3*8 B-TYPE BK/FH	nsp
S3		nsp	SCREW TAP TITE, SCREW 3X18 B-TYPE ZNY/BH	nsp
S4		nsp	SCREW TAP TITE ASSY,+3S 4*10 P+S-WASHER ZNY/BH	nsp
S5		nsp	SCREW TAP TITE, +2S 4*8 B-TYPE Bsbm/BH	nsp
S6		nsp	SCREW,+2S 3*16 P +S-WASHER ZNY/HH	nsp
S7		nsp	SCREW TAP TITE,+2S 3*10 B-TYPE(DOT)BH Bsbm	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			PACKING	
001T	K	nsp	USER GUIDE FOR K	322W851350
001T	N	9965 000 11443	USER GUIDE FOR N	322W851310
001T	U	nsp	USER GUIDE FOR U	322W851250
Z001		9965 000 11444	REMOTE CONTROLLER (RC7200SR)	ZK322W0010
-		nsp	ANTENNA AM LOOP	nsp
-		nsp	ANTENNA WIRE,DIPOLE	nsp
-	K, N	nsp	CN.WAFER ,ANT ADAPTOR FOR K & N	nsp
-	U	nsp	CN.WAFER ,ANT ADAPTOR FOR U	nsp
-	K	nsp	AC PLUG ADAPTER	nsp
			NOT STANDARD SPARE PARTS	
-	N	nsp	CARD FOR N	nsp
-	U	nsp	CARD FOR U	nsp
-	U	nsp	LABEL FUSE CAUTION	nsp
-		nsp	CUSHION	nsp
-		nsp	CUSHION	nsp
-		nsp	CUSHION	nsp
-		nsp	CLAMP,CABLE TIE DACT-100A	nsp
-		nsp	BOX INNER CARTON, PACKING CASE FOR SR7200	nsp
-		nsp	CUSHION SNOW	nsp
-		nsp	CLIP,PIN STAPLE	nsp
-		nsp	PE SHEET,FILM SOFT PE	nsp
-		nsp	POLY BAG, LD 260*390*0.03T SILK	nsp
-		nsp	SCREW ASSY, +2S 3*8 PI19 B-TYPE ZNY	nsp

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

8. ALIGNMENT PROCEDURES

TUNER

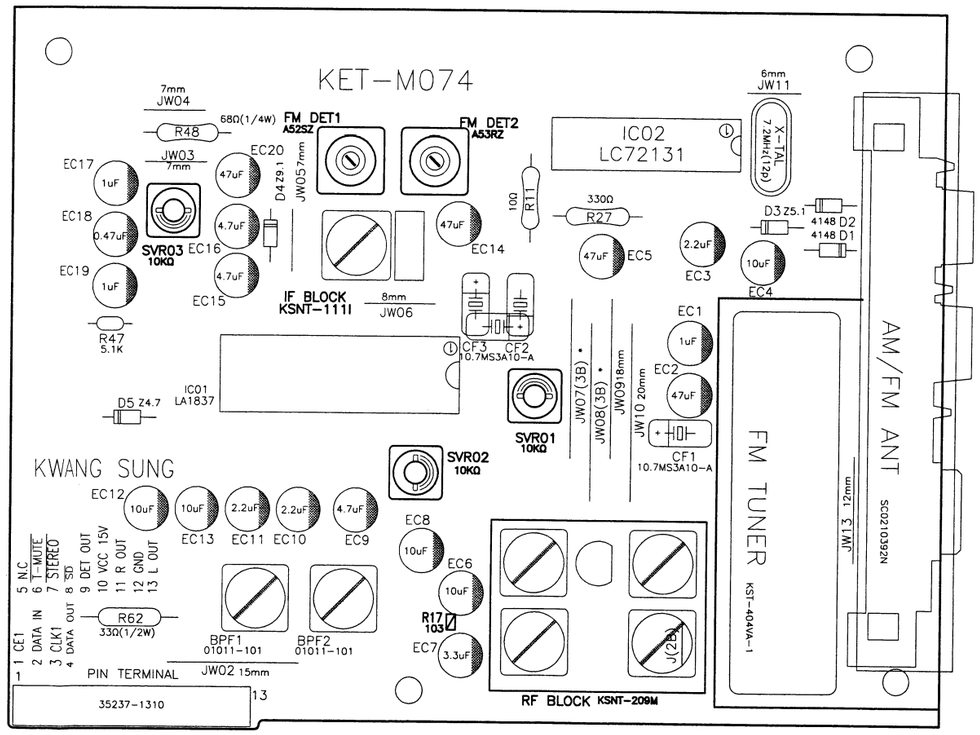
1. Equipment Requried

- AM Standard Signal Generator (AM SSG)
- Oscilloscope
- AC Voltmeter
- FM Standard Signal Generator (FM SSG)
- Stereo Modulator
- Audio Generator
- Distortion Meter
- DC Voltmeter
- Frequency Counter

Note : Disconnect external FM antenna prior to alignment.

2. Alignment.

2-1. Alignment Test Point



2-2. AM(MW) Alignment

Output of signal generator should not be greater than necessary to obtain an optimum output reading.
Signal generator modulation 30%
Signal frequency 400Hz
Modulation frequency ..... 603, 999, 1404kHz (K,N)
Modulation frequency ..... 600, 1000, 1400kHz (U)
Switch ..... press the BAND Button to AM

Step	Subject	Signal generator setting	Set frequency setting	Equipment connection	Adjustment point	Adjust for
1	Tunning voltage	522kHz (K,N) 520kHz (U)	522kHz (K,N) 520kHz (U)	DC voltmeter	RF BLOCK OSC coil	522 kHz : 1.0 ~ 1.3V 1611 kHz : 7.0 ~ 8.5V
2	IF Tracking	603kHz (K,N) 600kHz (U)	603kHz (K,N) 600kHz (U)	AC voltmeter oscilloscope tape monitor L/R	IF BLOCK Coil KSNT-1111	Maximize audio output
3	RF Tracking	603kHz (K,N) 600kHz (U)	603kHz (K,N) 600kHz (U)	AC voltmeter oscilloscope tape monitor L/R	RF BLOCK ANT coil	Maximize audio output Repeat LOW, HIGH frequency
4	Seek level	999kHz (K,N) 1000kHz (U)	999kHz (K,N) 1000kHz (U)	AC voltmeter oscilloscope tape monitor L/R	SVR 03	Tuned on point

2-3. LW Alignment (N Version only)

Output of signal generator should not be greater than necessary to obtain an optimum output reading.
Signal generator modulation 30%
Signal frequency 400Hz
Modulation frequency 162, 207, 252kHz
Switch ..... press the BAND Button to LW

Step	Subject	Signal generator setting	Set frequency setting	Equipment connection	Adjustment point	Adjust for
1	Tunning voltage	152kHz	152kHz	DC voltmeter	RF BLOCK OSC coil	522 kHz : 1.5 ~ 2.3V 1611 kHz : 6.0 ~ 7.5V
2	RF Tracking	162kHz	162kHz	AC voltmeter oscilloscope tape monitor L/R	RF BLOCK ANT coil	Maximize audio output Repeat LOW, HIGH frequency
3	Seek level	207kHz	207kHz	AC voltmeter oscilloscope tape monitor L/R		Tuned on point

2-4. FM Alignment

Output of signal generator should not be greater than necessary to obtain an optimum output reading.

Signal generator modulation ..... MAIN : 53.5%, PILOT : 10% (K,N)
MAIN : 90%, PILOT : 10% (U)

Signal frequency ..... 1kHz / Deviation : 40kHz (K,N)
1kHz / Deviation : 75kHz (U)

Modulation frequency 90.1MHz, 98.1MHz, 106.1MHz

Switch ..... press the BAND Button to FM

Step	Subject	Signal generator setting	Set frequency setting	Equipment connection	Adjustment point	Adjust for
1	Tunning voltage	87.5kHz 108kHz	87.5kHz 108kHz	DC voltmeter		87.5 MHz : 1.35 ~ 1.65V 108.0 MHz : 6.5V ~ 8.5V
2	FM DET.0V and Distortion Adj	98.1kHz	98.1kHz	AC voltmeter oscilloscope DC voltmeter tape monitor L/R	FD1 , FD2 R17	Minimize 0V and distortion
3	STEREO Separetion	98.1kHz	98.1kHz	AC voltmeter oscilloscope DC voltmeter tape monitor L/R	MIX coil CO4 SVR02	Minimize STEREO distortion and Maximize separatio Separation L to R Separation R to L
4	Seek stop level	98.1kHz	98.1kHz	AC voltmeter oscilloscope tape monitor L/R	SVR 01	Scan stop point to 22dBu

9. ELECTRICAL PARTS LIST

ASSIGNMENT OF COMMON PARTS CODES.

RESISTORS

R***: 1) GD05×××140, Carbon film fixed resistor, ±5% 1/4W
R***: 2) GD05×××160, Carbon film fixed resistor, ±5% 1/6W
① —— Resistance value

Examples ;
① Resistance value

0.1 Ω 001	10 Ω 100	1 kΩ 102	100 kΩ 104
0.5 Ω 005	18 Ω 180	2.7 kΩ 272	680 kΩ 684
1 Ω 010	100 Ω 101	10 kΩ 103	1 MΩ 105
6.8 Ω 068	390 Ω 391	22 kΩ 223	4.7 MΩ 475

Note : Please distinguish 1/4W from 1/6W by the shape of parts used actually.

CAPACITORS

C***: CERAMIC CAP.
3) DD1××××370, Ceramic capacitor
② ③ Disc type
Temp.coeff.P350 ~N1000, 50V
③ —— Capacity value
② —— Tolerance

Examples ;
② Tolerance (Capacity deviation)
±0.25 pF 0
±0.5 pF 1
±5% 5
* Tolerance of COMMON PARTS handled here are as follows :
0.5 pF~ 5 pF .... ±0.25 pF
6 pF~ 10 pF .... ±0.5 pF
12 pF~ 560 pF .... ±5%
③ Capacity value

0.5 pF 005	3 pF 030	100 pF 101
1 pF 010	10 pF 100	220 pF 221
1.5 pF 015	47 pF 470	560 pF 561

C*** : CERAMIC CAP.
4) DK16×××300, High dielectric constant ceramic capacitor
④ Disc type
Temp.chara. 2B4, 50V
④ —— Capacity value

Examples ;
④ Capacity value

100 pF 101	1000 pF 102	10000 pF 103
470 pF 471	2200 pF 222	

C*** : 5) ELECTROLY CAP. (⏚), 6) FILM CAP. (⏚)
5) EA×××××× 10, Electrolytic capacitor
⑤ ⑥ One-way lead type, Tolerance ±20%
⑥ —— Working voltage
⑤ —— Capacity value

Examples ;
⑤ Capacity value

0.1 µF 104	4.7 µF 475	100 µF 107
0.33 µF 334	10 µF 106	330 µF 337
1 µF 105	22 µF 226	1100 µF 118
		2200 µF 228

⑥ Working voltage

6.3V 006	25V 025
10V 010	35V 035
16V 016	50V 050

6) DF15×××350 ——→ Plastic film capacitor
DF15×××310 ——→ One-way type, Mylar ±5% 50V
DF16×××310 ——→ Plastic film capacitor
⑦ One-way type, Mylar ±10% 50V
⑦ —— Capacity value

Examples ;
⑦ Capacity value

0.001 µF(1000 pF) 102	0.1 µF 104
0.0018 µF 182	0.56 µF 564
0.01 µF 103	1 µF 105
0.015 µF 153	

NOTE : 1) The above CODES (R***, R***, C***, C*** and C***) are omitted on the schematic diagram in some case.
2) On the occasion, be confirmed the common parts on the parts list.
3) Refer to "Common Parts List" for the other common parts (**RI05, DD4, DK4**).

NOTE ON SAFETY FOR FUSIBLE RESISTOR :

The suppliers and their type numbers of fusible resistors are as follows;

1. KOA Corporation

Part No. (MJI)	Type No. (KOA)	Description
NH05×××140	RF25S××××ΩJ	(±5% 1/4W)
NH05×××120	RF50S××××ΩJ	(±5% 1/2W)
NH85×××110	RF73B2A××××ΩJ	(±5% 1/10W)
NH95×××140	RF73B2E×××ΩJ	(±5% 1/4W)

* Resistance value —— Resistance value (0.1 Ω – 10 kΩ)

2. Matsushita Electronic Components Co., Ltd

Part No. (MJI)	Type No. (MEC)	Description
NF05×××140	ERD-2FCJ×××	(±5% 1/4W)
RF05×××140		
NF02×××140	ERD-2FCG×××	(±2% 1/4W)
RF02×××140		

* Resistance value —— * Resistance value

Examples ;
* Resistance value

0.1 Ω 001	10 Ω 100	1 kΩ 102	100 kΩ 104
0.5 Ω 005	18 Ω 180	2.7 kΩ 272	680 kΩ 684
1 Ω 010	100 Ω 101	10 kΩ 103	1 MΩ 105
6.8 Ω 068	390 Ω 391	22 kΩ 223	4.7 MΩ 475

ABBREVIATION AND MARKS			
ANT.	: ANTENNA	BATT.	: BATTERY
CAP.	: CAPACITOR	CER.	: CERAMIC
CONN.	: CONNECTING	DIG.	: DIGITAL
HP	: HEADPHONE	MIC.	: MICROPHONE
µ-PRO	: MICROPROCESSOR	REC.	: RECORDING
RES.	: RESISTOR	SPK	: SPEAKER
SW	: SWITCH	TRANSF.	: TRANSFORMER
TRIM.	: TRIMMING	TRS.	: TRANSISTOR
VAR.	: VARIABLE	XTAL	: CRYSTAL

NOTE ON FUSE :

Regarding to all parts of parts code **FS20xxx2xx**, replace only with Wickmann-Werke GmbH, Type 372 non glass type fuse.

NOTE ON SAFETY :

Symbol ⚠ Fire or electrical shock hazard. Only original parts should be used to replaced any part marked with symbol ⚠. Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

安全上の注意 :
⚠がついている部品は、安全上重要な部品です。必ず指定されている部品番号の部品を使用して下さい。

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			MAIN CIRCUIT BOARD	
			MAIN - CAPACITORS	
C101		nsp	FILM,0.1μF-K/250V	nsp
C102		nsp	FILM,0.047μF-J/100V	nsp
C103		nsp	FILM,0.047μF-J/100V	nsp
C104C		nsp	FILM,0.1μF-K/63V	nsp
C104FL		nsp	FILM,0.1μF-K/63V	nsp
C104FR		nsp	FILM,0.1μF-K/63V	nsp
C104SC		nsp	FILM,0.1μF-K/63V	nsp
C104SL		nsp	FILM,0.1μF-K/63V	nsp
C104SR		nsp	FILM,0.1μF-K/63V	nsp
C105C		nsp	FILM,0.1μF-K/63V	nsp
C105FL		nsp	FILM,0.1μF-K/63V	nsp
C105FR		nsp	FILM,0.1μF-K/63V	nsp
C105SC		nsp	FILM,0.1μF-K/63V	nsp
C105SL		nsp	FILM,0.1μF-K/63V	nsp
C105SR		nsp	FILM,0.1μF-K/63V	nsp
C106		nsp	FILM,0.1μF-K/250V	nsp
C107		nsp	FILM,0.1μF-K/250V	nsp
C108		nsp	FILM,0.047μF-J/100V	nsp
C109		nsp	FILM,0.047μF-J/100V	nsp
C110		nsp	FILM,0.047μF-J/100V	nsp
C111		nsp	FILM,0.047μF-J/100V	nsp
C114		4822 124 11583	ELECT,2200μF-M/35V 16*32	EA22803510
C115		4822 124 11583	ELECT,2200μF-M/35V 16*32	EA22803510
C116		nsp	CER.,0.01μF-K/50V	nsp
C117		nsp	ELECT,10000μF-M/16V 18*35	nsp
C118		nsp	ELECT,2200μF-M/16V 12.5*20	nsp
C119		9965 000 11062	ELECT,15000μF-M/71V 40*80	*EA001110R
C120		9965 000 11062	ELECT,15000μF-M/71V 40*80	*EA001110R
C121		nsp	ELECT,10μF-M/50V 5*11	nsp
C122		nsp	FILM,0.1μF-K/250V	nsp
C123		nsp	FILM,0.1μF-K/250V	nsp
C124		nsp	CER.,0.01μF-K/50V	nsp
C125				
∫		nsp	ELECT,1μF-M/50V 5*11	nsp
C129				
C132		nsp	ELECT,100μF-M/25V 6.3*11	nsp
C135		nsp	CER.,0.1μF-Z/50V	nsp
C140		nsp	ELECT,4.7μF-M/50V 5*11	nsp
C141		nsp	ELECT,220μF-M/25V 8*11.5	nsp
C142		nsp	ELECT,220μF-M/25V 8*11.5	nsp
C143		nsp	CER.,0.1μF-Z/50V	nsp
C144		nsp	CER.,0.1μF-Z/50V	nsp
C145		9965 000 11012	ELECT,10μF-M/100V 6.3*11	*EA001080R
C146		nsp	ELECT,10μF-M/50V 5*11	nsp
C147		nsp	CER.,0.1μF-Z/50V	nsp
C148		nsp	CER.,0.1μF-Z/50V	nsp
C149		nsp	ELECT,4.7μF-M/50V 5*11	nsp
C150		nsp	ELECT,47μF-M/16V 5*11	nsp
C151		9965 000 11013	ELECT,8200μF-M/5.5V	*EX000080R
C152		nsp	CER.,100pF-K/50V	nsp
C153	N	nsp	CER.,0.1μF-Z/50V	nsp
C154	N	nsp	CER.,27pF-J/50V	nsp
C155	N	nsp	CER.,27pF-J/50V	nsp
C156	N	nsp	ELECT,10μF-M/50V 5*11	nsp
C157	N	nsp	CER.,270pF-K/50V	nsp
C158	N	nsp	ELECT,47μF-M/16V 5*11	nsp
C159	N	nsp	CER.,0.1μF-Z/50V PI6	nsp
C160				
∫		nsp	CER.,100pF-K/50V	nsp
C163				
C164		nsp	CER.,220pF-K/50V	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
C164		nsp	CER.,100pF-K/50V	nsp
C165		nsp	CER.,0.001μF-K/50V	nsp
C166		nsp	CER.,0.01μF-M/16V	nsp
C168		nsp	CER.,SL10pF-J/50V	nsp
C169				
∫		nsp	CER.,0.047μF-Z/50V	nsp
C173				
C174		nsp	ELECT,220μF-M/25V 8*11.5	nsp
C175		nsp	CER.,SL47pF-J/50V	nsp
C203	K	nsp	10K-J 1/6W	nsp
			MAIN - RESISTORS	
R101				
∫		9965 000 11024	0.22-J 1W	*GA000200R
R104				
R105C		4822 053 11109	10-J 2W	GA05100020
R105FL		4822 053 11109	10-J 2W	GA05100020
R105FR		4822 053 11109	10-J 2W	GA05100020
R105SC		4822 053 11109	10-J 2W	GA05100020
R105SL		4822 053 11109	10-J 2W	GA05100020
R105SR		4822 053 11109	10-J 2W	GA05100020
R107		nsp	2.7K-J 1/6W	nsp
R108		nsp	2.7K-J 1/6W	nsp
R109		nsp	560K-J 1/6W	nsp
R110		nsp	3.6K-J 1/6W	nsp
R111		nsp	22K-J 1/6W	nsp
R112		nsp	910-J 1/6W	nsp
R113		nsp	1K-J 1/6W	nsp
R114		9965 000 11021	CEMENT,0.1-J/5W W14*H17	*GO000011R
R115		9965 000 11021	CEMENT,0.1-J/5W W14*H17	*GO000011R
R116		nsp	27K-J 1/6W	nsp
R117		nsp	27K-J 1/6W	nsp
R118		nsp	2.2K-J 1/6W	nsp
R119		nsp	2.2K-J 1/6W	nsp
R120		nsp	560K-J 1/6W	nsp
R122				
∫		nsp	27K-J 1/6W	nsp
R127				
R128		nsp	51K-J 1/6W	nsp
R129		nsp	51K-J 1/6W	nsp
R130		nsp	15K-J 1/6W	nsp
R131		nsp	33K-J 1/6W	nsp
R133		nsp	2.2K-J 1/6W	nsp
R134		nsp	100K-J 1/6W	nsp
R137				
∫		nsp	22K-J 1/6W	nsp
R142				
R143		nsp	3.3K-J 1/6W	nsp
R144		nsp	15K-J 1/6W	nsp
R146		nsp	1.2K-J 1W	nsp
R147		nsp	22K-J 1/6W	nsp
R148		nsp	22K-J 1/6W	nsp
R149		nsp	1K-J 1/6W	nsp
R150		nsp	18K-J 1/6W	nsp
R151		nsp	1K-J 1/6W	nsp
R152		nsp	1.2K-J 1W	nsp
R153		nsp	1K-J 1/6W	nsp
R154		nsp	1.2K-J 1W	nsp
R155		nsp	4.7K-J 1/6W	nsp
R156		nsp	100K-J 1/6W	nsp
R157		nsp	100K-J 1/6W	nsp
R158		nsp	100K-J 1/6W	nsp
R159		nsp	1K-J 1/6W	nsp

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
R161		nsp	1M-J 1/6W	nsp
R162		nsp	47K-J 1/6W	nsp
R163		nsp	18K-J 1/6W	nsp
R164		nsp	47K-J 1/6W	nsp
R165		nsp	4.7K-J 1/6W	nsp
R166		nsp	47K-J 1/6W	nsp
R167		nsp	10K-J 1/6W	nsp
R168		nsp	47K-J 1/6W	nsp
R169		nsp	220-J 1/6W	nsp
R170		nsp	100K-J 1/6W	nsp
R171		nsp	47K-J 1/6W	nsp
R172	K, N	nsp	10K-J 1/6W	nsp
R173	K	nsp	15K-J 1/6W	nsp
R173	N	nsp	4.7K-J 1/6W	nsp
R173	U	nsp	47K-J 1/6W	nsp
R174		nsp	47K-J 1/6W	nsp
R176		nsp	47K-J 1/6W	nsp
R177		nsp	470K-J 1/6W	nsp
R178		nsp	100-J 1/6W	nsp
R179		nsp	47K-J 1/6W	nsp
R181		nsp	10K-J 1/6W	nsp
R182	N	nsp	2.2M-J 1/5W	nsp
R183	K, U	nsp	47K-J 1/6W	nsp
R184		nsp	10K-J 1/6W	nsp
R185		nsp	100K-J 1/6W	nsp
R186		nsp	100K-J 1/6W	nsp
R187	N	nsp	47K-J 1/6W	nsp
R188	N	nsp	47K-J 1/6W	nsp
R189		nsp	10K-J 1/6W	nsp
R190		nsp	10K-J 1/6W	nsp
R191	N	nsp	560-J 1/6W	nsp
R192		nsp	47K-J 1/6W	nsp
R193		nsp	3.3-J 1W	nsp
R194 ∫		nsp	10K-J 1/6W	nsp
R198				
R199		nsp	1K-J 1/6W	nsp
R200		nsp	47K-J 1/6W	nsp
R202		nsp	100-J 1/4W	nsp
R203	N, U	nsp	10K-J 1/6W	nsp
R204		nsp	47K-J 1/6W	nsp
			MAIN - SEMICONDUCTORS	
D101		9965 000 10728	DIODE,IN4007	*HD201570R
D105				
D106		9965 000 11015	D RECTIFIER BRIDGE, KBPC604 6A	*HE200300R
D107		9965 000 11015	D RECTIFIER BRIDGE, KBPC604 6A	*HE200300R
D108		9965 000 10728	DIODE,IN4007	*HD201570R
D109		9965 000 10728	DIODE,IN4007	*HD201570R
D110		4822 130 32778	DIODE,1SS133T	HD20015210
D111		9965 000 10728	DIODE,IN4007	*HD201570R
D113 ∫		4822 130 32778	DIODE,1SS133T	HD20015210
D129				
IC101		4822 209 91033	IC,KA7815/IL7815CV	*HC300150R
IC102		9965 000 11016	IC,KIA7915PI TO220IS	*HC300200R
IC103		4822 209 90086	IC,KA7805	*HC300140R
IC104		4822 209 90086	IC,KA7805	*HC300140R
IC105		9965 000 11017	IC,KIA7905PI TO220IS	*HC300190R
IC106		9965 000 11432	IC,CD4094BCN DIP16	*HC400020R
IC107		9965 000 11433	IC,CXP740010-148Q QFP100	*HU100550R

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
IC108	N	4822 209 15824	IC,TDA7330BD SOP20P	*HC107330R
Q101		9965 000 10740	TRS.2SA,KTA1268BL TO92	*HT100340R
Q102		4822 130 43233	TRS.2SC,KTC3200BL TO92	HT322402A0
Q103		9965 000 10740	TRS.2SA,KTA1268BL TO92	*HT100340R
Q104		9965 000 10740	TRS.2SA,KTA1268BL TO92	*HT100340R
Q105		4822 130 43233	TRS.2SC,KTC3200BL TO92	HT322402A0
Q106		9965 000 10740	TRS.2SA,KTA1268BL TO92	*HT100340R
Q107		4822 130 43233	TRS.2SC,KTC3200BL TO92	HT322402A0
Q108 ∫		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
Q112				
Q115		4822 130 43233	TRS.2SC,KTC3200BL TO92	HT322402A0
Q116		4822 130 43233	TRS.2SC,KTC3200BL TO92	HT322402A0
Q117		9965 000 10740	TRS.2SA,KTA1268BL TO92	*HT100340R
Q118		9965 000 10740	TRS.2SA,KTA1268BL TO92	*HT100340R
Q119		4822 130 43233	TRS.2SC,KTC3200BL TO92	HT322402A0
Q120		4822 130 43233	TRS.2SC,KTC3200BL TO92	HT322402A0
Q121		4822 130 61227	TRS.RA,KRA102M TO92M	*BA001210R
Q122		4822 130 61227	TRS.RA,KRA102M TO92M	*BA001210R
Q123		4822 130 60588	TRS.RC,KRC102M TO92M	*BA001180R
Q124		4822 130 61227	TRS.RA,KRA102M TO92M	*BA001210R
Q125		4822 130 61227	TRS.RA,KRA102M TO92M	*BA001210R
Q126		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
Q127		4822 130 61227	TRS.RA,KRA102M TO92M	*BA001210R
Q128		4822 130 61227	TRS.RA,KRA102M TO92M	*BA001210R
Q129		4822 130 60588	TRS.RC,KRC102M TO92M	*BA001180R
Q130		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
Q131 ∫		4822 130 61227	TRS.RA,KRA102M TO92M	*BA001210R
Q135				
Q136		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q137		4822 130 63485	TRS.2SC,KTC3198Y TO92	*HT300900R
ZD121		4822 130 80317	D ZENER,MTZJ5.1B	HD30511000
ZD122		4822 130 80317	D ZENER,MTZJ5.1B	HD30511000
ZD129	N	4822 130 80317	D ZENER,MTZJ5.1B	HD30511000
			MAIN - MISCELLANEOUS	
BEAD101 ∫ BEAD105		nsp	BEAD COIL, BAS3580T0 3.5PHI*8	nsp
CN107		nsp	CN WIRE,250MM/4P	nsp
CNT108		nsp	CN WIRE,420MM/4P	nsp
CP101		nsp	CN.WAFER 2.5MM, 53421-1317 ST ZIP	nsp
CP102		nsp	CN.WAFER 2.0MM, TUC-P06P-1 6P WAFER ST	nsp
CP103		nsp	CN.WAFER 2.0MM, TUC-P09P-1 9P WAFER ST	nsp
CP104		nsp	CN.WAFER 2.0MM, 35336-1310 13P	nsp
CP105		nsp	CN.WAFER 2.0MM, TUC-P09P-1 WAFER ST	nsp
CP106		nsp	CN.WAFER 2.0MM, TUC-P15P-1 WAFER ST	nsp
CP107		nsp	CN.WAFER 2.0MM, TUC-P10P-1 WAFER ST	nsp
CP108		nsp	CN.WAFER 2.0MM, TUC-P20P-1 WAFER ST	nsp
CP109		nsp	CN.WAFER 2.0MM, 35336-1310 13P	nsp
CP110		nsp	CN.WAFER 2.0MM, TUC-P15P-1 WAFER ST	nsp
CP111		nsp	CN.WAFER 2.0MM, TUC-P10P-1 WAFER ST	nsp

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
CP112		nsp	CN.WAFER 2.0MM, TUC-P15P-1 WAFER ST	nsp
CP113		nsp	CN.WAFER 2.0MM, TUC-P18P-1 WAFER ST	nsp
CP114		nsp	CN.WAFER 2.0MM, TUC-P15P-1 WAFER ST	nsp
CP115		nsp	CN.WAFER 2.0MM, TUC-P20P-1 WAFER ST	nsp
CP116		nsp	CN.WAFER 2.0MM, 35336-1310 13P	nsp
CP120		nsp	CN.WAFER 2.5MM,5267-06A 6P	nsp
CP121		nsp	CN.WAFER 3.96MM,35328-0310	nsp
CP122		nsp	CN.WAFER 2.5MM,5267-03A 3P	nsp
CP123		nsp	CN.WAFER 2.5MM, 5267-10A 10P	nsp
CP124		nsp	CN.WAFER 2.5MM,5267-09A 9P	nsp
CP150		nsp	CN WIRE,200MM/2P	nsp
FPC109A		nsp	CN.FPC 1.25MM, 52045-2345 23P ST	nsp
GND101				
∫		nsp	TERMINAL, ALL PBST/GND PLATE	nsp
GND105				
RLY102				
		9965 000 05895	RELAY,G5PA-28 24V 5A	LY20240490
RLY106				
XTAL 101		9965 000 11023	RESONATOR CERAMIC, CST12.0MTW-TF01	*FQ000530R
XTAL 102	N	9965 000 11025	CRYSTAL,4.332MHZ HC49U	*JX000800R
			GUIDE LEFT CIRCUIT BOARD	
			GUIDE LEFT- MISCELLANEOUS	
CLAMP 101		nsp	CLAMP HMX9800 DARA-2	nsp
			GUIDE RIGHT CIRCUIT BOARD	
			GUIDE RIGHT-MISCELLANEOUS	
CLAMP 102		nsp	CLAMP HMX9800 DARA-2	nsp
			POWER CIRCUIT BOARD	
			POWER - CAPACITORS	
C201C		nsp	ELECT,4.7μF-M/50V 5*11	nsp
C201L		nsp	ELECT,4.7μF-M/50V 5*11	nsp
C201R		nsp	ELECT,4.7μF-M/50V 5*11	nsp
C201SC		nsp	ELECT,4.7μF-M/50V 5*11	nsp
C201SL		nsp	ELECT,4.7μF-M/50V 5*11	nsp
C201SR		nsp	ELECT,4.7μF-M/50V 5*11	nsp
C202C		nsp	CER.,330pF-K/50V	nsp
C202L		nsp	CER.,330pF-K/50V	nsp
C202R		nsp	CER.,330pF-K/50V	nsp
C202SC		nsp	CER.,330pF-K/50V	nsp
C202SL		nsp	CER.,330pF-K/50V	nsp
C202SR		nsp	CER.,330pF-K/50V	nsp
C203C		nsp	CER.,0.001μF-K/50V	nsp
C203L		nsp	CER.,0.001μF-K/50V	nsp
C203R		nsp	CER.,0.001μF-K/50V	nsp
C203SC		nsp	CER.,0.001μF-K/50V	nsp
C203SL		nsp	CER.,0.001μF-K/50V	nsp
C203SR		nsp	CER.,0.001μF-K/50V	nsp
C204C		nsp	ELECT,22μF-M/50V 6*11	nsp
C204L		nsp	ELECT,22μF-M/50V 6*11	nsp
C204R		nsp	ELECT,22μF-M/50V 6*11	nsp
C204SC		nsp	ELECT,22μF-M/50V 6*11	nsp
C204SL		nsp	ELECT,22μF-M/50V 6*11	nsp
C204SR		nsp	ELECT,22μF-M/50V 6*11	nsp
C205C		nsp	ELECT,22μF-M/50V 6*11	nsp
C205L		nsp	ELECT,22μF-M/50V 6*11	nsp
C205R		nsp	ELECT,22μF-M/50V 6*11	nsp
C205SC		nsp	ELECT,22μF-M/50V 6*11	nsp
C205SL		nsp	ELECT,22μF-M/50V 6*11	nsp
C205SR		nsp	ELECT,22μF-M/50V 6*11	nsp
C206C		nsp	ELECT,220μF-M/10V 6.3*11	nsp
C206L		nsp	ELECT,220μF-M/10V 6.3*11	nsp
C206R		nsp	ELECT,220μF-M/10V 6.3*11	nsp
C206SC		nsp	ELECT,220μF-M/10V 6.3*11	nsp
C206SL		nsp	ELECT,220μF-M/10V 6.3*11	nsp
C206SR		nsp	ELECT,220μF-M/10V 6.3*11	nsp
C209C		nsp	ELECT,10μF-M/50V 5*11	nsp
C209L		nsp	ELECT,10μF-M/50V 5*11	nsp
C209R		nsp	ELECT,10μF-M/50V 5*11	nsp
C209SC		nsp	ELECT,10μF-M/50V 5*11	nsp
C209SL		nsp	ELECT,10μF-M/50V 5*11	nsp
C209SR		nsp	ELECT,10μF-M/50V 5*11	nsp
C210C		9965 000 11010	ELECT,47μF-M/100V 10*12.5	*EA001090R
C210L		9965 000 11010	ELECT,47μF-M/100V 10*12.5	*EA001090R
C210R		9965 000 11010	ELECT,47μF-M/100V 10*12.5	*EA001090R
C210SC		9965 000 11010	ELECT,47μF-M/100V 10*12.5	*EA001090R
C210SL		9965 000 11010	ELECT,47μF-M/100V 10*12.5	*EA001090R
C210SR		9965 000 11010	ELECT,47μF-M/100V 10*12.5	*EA001090R
C211C		9965 000 11010	ELECT,47μF-M/100V 10*12.5	*EA001090R
C211L		9965 000 11010	ELECT,47μF-M/100V 10*12.5	*EA001090R
C211R		9965 000 11010	ELECT,47μF-M/100V 10*12.5	*EA001090R
C211SC		9965 000 11010	ELECT,47μF-M/100V 10*12.5	*EA001090R
C211SL		9965 000 11010	ELECT,47μF-M/100V 10*12.5	*EA001090R
C211SR		9965 000 11010	ELECT,47μF-M/100V 10*12.5	*EA001090R
C212C		nsp	ELECT,0.022μF-M/50V 5*11	nsp
C212L		nsp	ELECT,0.022μF-M/50V 5*11	nsp
C212R		nsp	ELECT,0.022μF-M/50V 5*11	nsp
C212SC		nsp	ELECT,0.022μF-M/50V 5*11	nsp
C212SL		nsp	ELECT,0.022μF-M/50V 5*11	nsp
C212SR		nsp	ELECT,0.022μF-M/50V 5*11	nsp
C214C		nsp	CER.,SL1pF-K/50V	nsp
C214L		nsp	CER.,SL1pF-K/50V	nsp
C214R		nsp	CER.,SL1pF-K/50V	nsp
C214SC		nsp	CER.,SL1pF-K/50V	nsp
C214SL		nsp	CER.,SL1pF-K/50V	nsp
C214SR		nsp	CER.,SL1pF-K/50V	nsp
C215C		nsp	CER.,100pF-K/50V	nsp
C215L		nsp	CER.,100pF-K/50V	nsp
C215R		nsp	CER.,100pF-K/50V	nsp
C215SC		nsp	CER.,100pF-K/50V	nsp
C215SL		nsp	CER.,100pF-K/50V	nsp
C215SR		nsp	CER.,100pF-K/50V	nsp
			POWER - RESISTORS	
R201C		nsp	1K-J 1/6W	nsp
R201L		nsp	1K-J 1/6W	nsp
R201R		nsp	1K-J 1/6W	nsp
R201SC		nsp	1K-J 1/6W	nsp
R201SL		nsp	1K-J 1/6W	nsp
R201SR		nsp	1K-J 1/6W	nsp
R202C		nsp	33K-J 1/6W	nsp
R202L		nsp	33K-J 1/6W	nsp
R202R		nsp	33K-J 1/6W	nsp
R202SC		nsp	33K-J 1/6W	nsp
R202SL		nsp	33K-J 1/6W	nsp

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
R202SR		nsp	33K-J 1/6W	nsp
R203C		nsp	15-J 1/6W	nsp
R203L		nsp	15-J 1/6W	nsp
R203R		nsp	15-J 1/6W	nsp
R203SC		nsp	15-J 1/6W	nsp
R203SL		nsp	15-J 1/6W	nsp
R203SR		nsp	15-J 1/6W	nsp
R204C		nsp	15-J 1/6W	nsp
R204L		nsp	15-J 1/6W	nsp
R204R		nsp	15-J 1/6W	nsp
R204SC		nsp	15-J 1/6W	nsp
R204SL		nsp	15-J 1/6W	nsp
R204SR		nsp	15-J 1/6W	nsp
R205C		nsp	750-J 1/6W	nsp
R205L		nsp	750-J 1/6W	nsp
R205R		nsp	750-J 1/6W	nsp
R205SC		nsp	750-J 1/6W	nsp
R205SL		nsp	750-J 1/6W	nsp
R205SR		nsp	750-J 1/6W	nsp
R206C		nsp	750-J 1/6W	nsp
R206L		nsp	750-J 1/6W	nsp
R206R		nsp	750-J 1/6W	nsp
R206SC		nsp	750-J 1/6W	nsp
R206SL		nsp	750-J 1/6W	nsp
R206SR		nsp	750-J 1/6W	nsp
R207C		nsp	470-J 1/6W	nsp
R207L		nsp	470-J 1/6W	nsp
R207R		nsp	470-J 1/6W	nsp
R207SC		nsp	470-J 1/6W	nsp
R207SL		nsp	470-J 1/6W	nsp
R207SR		nsp	470-J 1/6W	nsp
R208C		nsp	68-J 1/6W	nsp
R208L		nsp	68-J 1/6W	nsp
R208R		nsp	68-J 1/6W	nsp
R208SC		nsp	68-J 1/6W	nsp
R208SL		nsp	68-J 1/6W	nsp
R208SR		nsp	68-J 1/6W	nsp
R209C		nsp	150-J 1/6W	nsp
R209L		nsp	150-J 1/6W	nsp
R209R		nsp	150-J 1/6W	nsp
R209SC		nsp	150-J 1/6W	nsp
R209SL		nsp	150-J 1/6W	nsp
R209SR		nsp	150-J 1/6W	nsp
R210C		nsp	10K-J 1/6W	nsp
R210L		nsp	10K-J 1/6W	nsp
R210R		nsp	10K-J 1/6W	nsp
R210SC		nsp	10K-J 1/6W	nsp
R210SL		nsp	10K-J 1/6W	nsp
R210SR		nsp	10K-J 1/6W	nsp
R211C		nsp	43K-J 1/6W	nsp
R211L		nsp	43K-J 1/6W	nsp
R211R		nsp	43K-J 1/6W	nsp
R211SC		nsp	43K-J 1/6W	nsp
R211SL		nsp	43K-J 1/6W	nsp
R211SR		nsp	43K-J 1/6W	nsp
R212C		nsp	1.2K-J 1/6W	nsp
R212L		nsp	1.2K-J 1/6W	nsp
R212R		nsp	1.2K-J 1/6W	nsp
R212SC		nsp	1.2K-J 1/6W	nsp
R212SL		nsp	1.2K-J 1/6W	nsp
R212SR		nsp	1.2K-J 1/6W	nsp
R213C		nsp	33K-J 1/6W	nsp
R213L		nsp	33K-J 1/6W	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
R213R		nsp	33K-J 1/6W	nsp
R213SC		nsp	33K-J 1/6W	nsp
R213SL		nsp	33K-J 1/6W	nsp
R213SR		nsp	33K-J 1/6W	nsp
R214C		nsp	560-J 1/6W	nsp
R214L		nsp	560-J 1/6W	nsp
R214R		nsp	560-J 1/6W	nsp
R214SC		nsp	560-J 1/6W	nsp
R214SL		nsp	560-J 1/6W	nsp
R214SR		nsp	560-J 1/6W	nsp
R216C		nsp	560-J 1/6W	nsp
R216L		nsp	560-J 1/6W	nsp
R216R		nsp	560-J 1/6W	nsp
R216SC		nsp	560-J 1/6W	nsp
R216SL		nsp	560-J 1/6W	nsp
R216SR		nsp	560-J 1/6W	nsp
R217C		nsp	560-J 1/6W	nsp
R217L		nsp	560-J 1/6W	nsp
R217R		nsp	560-J 1/6W	nsp
R217SC		nsp	560-J 1/6W	nsp
R217SL		nsp	560-J 1/6W	nsp
R217SR		nsp	560-J 1/6W	nsp
R218C		nsp	560-J 1/6W	nsp
R218L		nsp	560-J 1/6W	nsp
R218R		nsp	560-J 1/6W	nsp
R218SC		nsp	560-J 1/6W	nsp
R218SL		nsp	560-J 1/6W	nsp
R218SR		nsp	560-J 1/6W	nsp
R219C		nsp	560-J 1/6W	nsp
R219L		nsp	560-J 1/6W	nsp
R219R		nsp	560-J 1/6W	nsp
R219SC		nsp	560-J 1/6W	nsp
R219SL		nsp	560-J 1/6W	nsp
R219SR		nsp	560-J 1/6W	nsp
R220C		nsp	560-J 1/6W	nsp
R220L		nsp	560-J 1/6W	nsp
R220R		nsp	560-J 1/6W	nsp
R220SC		nsp	560-J 1/6W	nsp
R220SL		nsp	560-J 1/6W	nsp
R220SR		nsp	560-J 1/6W	nsp
R221C		nsp	82-J 1/6W	nsp
R221L		nsp	82-J 1/6W	nsp
R221R		nsp	82-J 1/6W	nsp
R221SC		nsp	82-J 1/6W	nsp
R221SL		nsp	82-J 1/6W	nsp
R221SR		nsp	82-J 1/6W	nsp
R222C		nsp	82-J 1/6W	nsp
R222L		nsp	82-J 1/6W	nsp
R222R		nsp	82-J 1/6W	nsp
R222SC		nsp	82-J 1/6W	nsp
R222SL		nsp	82-J 1/6W	nsp
R222SR		nsp	82-J 1/6W	nsp
R223C		nsp	22K-J 1/6W	nsp
R223L		nsp	22K-J 1/6W	nsp
R223R		nsp	22K-J 1/6W	nsp
R223SC		nsp	22K-J 1/6W	nsp
R223SL		nsp	22K-J 1/6W	nsp
R223SR		nsp	22K-J 1/6W	nsp
R224C		nsp	22K-J 1/6W	nsp
R224L		nsp	22K-J 1/6W	nsp
R224R		nsp	22K-J 1/6W	nsp
R224SC		nsp	22K-J 1/6W	nsp
R224SL		nsp	22K-J 1/6W	nsp

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
R224SR		nsp	22K-J 1/6W	nsp
R225C		nsp	4.7-J 1/6W	nsp
R225L		nsp	4.7-J 1/6W	nsp
R225R		nsp	4.7-J 1/6W	nsp
R225SC		nsp	4.7-J 1/6W	nsp
R225SL		nsp	4.7-J 1/6W	nsp
R225SR		nsp	4.7-J 1/6W	nsp
R228C		nsp	220-J 1/4W	nsp
R228L		nsp	220-J 1/4W	nsp
R228R		nsp	220-J 1/4W	nsp
R228SC		nsp	220-J 1/4W	nsp
R228SL		nsp	220-J 1/4W	nsp
R228SR		nsp	220-J 1/4W	nsp
R229C		nsp	220-J 1/4W	nsp
R229L		nsp	220-J 1/4W	nsp
R229R		nsp	220-J 1/4W	nsp
R229SC		nsp	220-J 1/4W	nsp
R229SL		nsp	220-J 1/4W	nsp
R229SR		nsp	220-J 1/4W	nsp
R231C		nsp	4.7-J 1/6W	nsp
R231L		nsp	4.7-J 1/6W	nsp
R231R		nsp	4.7-J 1/6W	nsp
R231SC		nsp	4.7-J 1/6W	nsp
R231SL		nsp	4.7-J 1/6W	nsp
R231SR		nsp	4.7-J 1/6W	nsp
R232C		nsp	4.7-J 1/6W	nsp
R232L		nsp	4.7-J 1/6W	nsp
R232R		nsp	4.7-J 1/6W	nsp
R232SC		nsp	4.7-J 1/6W	nsp
R232SL		nsp	4.7-J 1/6W	nsp
R232SR		nsp	4.7-J 1/6W	nsp
R233C		nsp	10K-J 1/6W	nsp
R233L		nsp	10K-J 1/6W	nsp
R233R		nsp	10K-J 1/6W	nsp
R233SC		nsp	10K-J 1/6W	nsp
R233SL		nsp	10K-J 1/6W	nsp
R233SR		nsp	10K-J 1/6W	nsp
R235C		nsp	10K-J 1/6W	nsp
R235L		nsp	10K-J 1/6W	nsp
R235R		nsp	10K-J 1/6W	nsp
R235SC		nsp	10K-J 1/6W	nsp
R235SL		nsp	10K-J 1/6W	nsp
R235SR		nsp	10K-J 1/6W	nsp
R236C		nsp	2.2K-J 1/6W	nsp
R236L		nsp	2.2K-J 1/6W	nsp
R236R		nsp	2.2K-J 1/6W	nsp
R236SC		nsp	2.2K-J 1/6W	nsp
R236SL		nsp	2.2K-J 1/6W	nsp
R236SR		nsp	2.2K-J 1/6W	nsp
R237C		nsp	10-J 1W	nsp
R237L		nsp	39-J 1/6W	nsp
R237R		nsp	39-J 1/6W	nsp
R237SC		nsp	10-J 1W	nsp
R237SL		nsp	39-J 1/6W	nsp
R237SR		nsp	39-J 1/6W	nsp
R238L		nsp	39-J 1/6W	nsp
R238R		nsp	39-J 1/6W	nsp
R238SL		nsp	39-J 1/6W	nsp
R238SR		nsp	39-J 1/6W	nsp
R239L		nsp	39-J 1/6W	nsp
R239R		nsp	39-J 1/6W	nsp
R239SL		nsp	39-J 1/6W	nsp
R239SR		nsp	39-J 1/6W	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
R240L		nsp	39-J 1/6W	nsp
R240R		nsp	39-J 1/6W	nsp
R240SL		nsp	39-J 1/6W	nsp
R240SR		nsp	39-J 1/6W	nsp
R241C		nsp	150K-J 1/6W	nsp
R241L		nsp	150K-J 1/6W	nsp
R241R		nsp	150K-J 1/6W	nsp
R241SC		nsp	150K-J 1/6W	nsp
R241SL		nsp	150K-J 1/6W	nsp
R241SR		nsp	150K-J 1/6W	nsp
			POWER - SEMICONDUCTORS	
D202C		4822 130 32778	DIODE,1SS133T	HD20015210
D202L		4822 130 32778	DIODE,1SS133T	HD20015210
D202R		4822 130 32778	DIODE,1SS133T	HD20015210
D202SC		4822 130 32778	DIODE,1SS133T	HD20015210
D202SL		4822 130 32778	DIODE,1SS133T	HD20015210
D202SR		4822 130 32778	DIODE,1SS133T	HD20015210
D203C		4822 130 32778	DIODE,1N4148	HD20015210
D203L		4822 130 32778	DIODE,1N4148	HD20015210
D203R		4822 130 32778	DIODE,1N4148	HD20015210
D203SC		4822 130 32778	DIODE,1N4148	HD20015210
D203SL		4822 130 32778	DIODE,1N4148	HD20015210
D203SR		4822 130 32778	DIODE,1N4148	HD20015210
Q201C		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q201L		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q201R		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q201SC		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q201SL		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q201SR		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q202C		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q202L		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q202R		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q202SC		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q202SL		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q202SR		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q203C		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q203L		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q203R		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q203SC		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q203SL		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q203SR		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q204C		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q204L		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q204R		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q204SC		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q204SL		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q204SR		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q205C		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q205L		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q205R		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q205SC		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q205SL		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q205SR		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q206C		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q206L		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q206R		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q206SC		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q206SL		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q206SR		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q207C		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q207L		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q207R		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
Q207SC		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q207SL		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q207SR		9965 000 10749	TRS.2SA,KSA992F TO92	*HT100590R
Q208C		4822 130 63903	TRS.2SA,KTA1024Y TO92L	*HT100640R
Q208L		4822 130 63903	TRS.2SA,KTA1024Y TO92L	*HT100640R
Q208R		4822 130 63903	TRS.2SA,KTA1024Y TO92L	*HT100640R
Q208SC		4822 130 63903	TRS.2SA,KTA1024Y TO92L	*HT100640R
Q208SL		4822 130 63903	TRS.2SA,KTA1024Y TO92L	*HT100640R
Q208SR		4822 130 63903	TRS.2SA,KTA1024Y TO92L	*HT100640R
Q209C		4822 130 63905	TRS.2SC,KTC3206Y TO92L	*HT300920R
Q209L		4822 130 63905	TRS.2SC,KTC3206Y TO92L	*HT300920R
Q209R		4822 130 63905	TRS.2SC,KTC3206Y TO92L	*HT300920R
Q209SC		4822 130 63905	TRS.2SC,KTC3206Y TO92L	*HT300920R
Q209SL		4822 130 63905	TRS.2SC,KTC3206Y TO92L	*HT300920R
Q209SR		4822 130 63905	TRS.2SC,KTC3206Y TO92L	*HT300920R
Q213C		9965 000 11019	TRS.2SB,SAP16P	*HT200410R
Q213FL		9965 000 11019	TRS.2SB,SAP16P	*HT200410R
Q213FR		9965 000 11019	TRS.2SB,SAP16P	*HT200410R
Q213SC		9965 000 11019	TRS.2SB,SAP16P	*HT200410R
Q213SL		9965 000 11019	TRS.2SB,SAP16P	*HT200410R
Q213SR		9965 000 11019	TRS.2SB,SAP16P	*HT200410R
Q214C		9965 000 11020	TRS.2SD,SAP16N	*HT400480R
Q214FL		9965 000 11020	TRS.2SD,SAP16N	*HT400480R
Q214FR		9965 000 11020	TRS.2SD,SAP16N	*HT400480R
Q214SC		9965 000 11020	TRS.2SD,SAP16N	*HT400480R
Q214SL		9965 000 11020	TRS.2SD,SAP16N	*HT400480R
Q214SR		9965 000 11020	TRS.2SD,SAP16N	*HT400480R
Q215C		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q215L		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q215R		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q215SC		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q215SL		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
Q215SR		9965 000 10750	TRS.2SC,KSC1845F TO92	*HT300860R
			POWER - MISCELLANEOUS	
CLAMP 103		nsp	CLAMP ACM393 DARB-2	nsp
CLAMP 104		nsp	CLAMP ACM393 DARB-2	nsp
CP201		nsp	CN.WAFER 2.0MM, GIL-S-12P-S2T2-EF	nsp
CP202		nsp	CN WIRE,80MM/9P	nsp
CP203		nsp	CN WIRE,80MM/10P	nsp
L201C		9965 000 10748	COIL FILTER-INDUCTOR, J9000031	*LC106490R
L201L		9965 000 10748	COIL FILTER-INDUCTOR, J9000031	*LC106490R
L201R		9965 000 10748	COIL FILTER-INDUCTOR, J9000031	*LC106490R
L201SC		9965 000 10748	COIL FILTER-INDUCTOR, J9000031	*LC106490R
L201SL		9965 000 10748	COIL FILTER-INDUCTOR, J9000031	*LC106490R
L201SR		9965 000 10748	COIL FILTER-INDUCTOR, J9000031	*LC106490R
			FRONT CIRCUIT BOARD	
			FRONT - CAPACITORS	
C301		nsp	ELECT,47µF-M/10V 5*11	nsp
C302		nsp	CER.,0.022µF-Z/25V	nsp
C303		nsp	CER.,0.047µF-Z/50V	nsp
C304		nsp	CER.,100pF-K/50V	nsp
C305		nsp	ELECT,10µF-M/50V 5*11	nsp
C306		nsp	CER.,0.047µF-Z/50V	nsp
C307		nsp	ELECT,10µF-M/50V 5*11	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
C308		nsp	CER.,0.022µF-Z/25V	nsp
C309		nsp	CER.,100pF-K/50V	nsp
C310		nsp	CER.,0.047µF-Z/50V	nsp
C311		nsp	CER.,100pF-K/50V	nsp
C312		nsp	CER.,100pF-K/50V	nsp
C313		nsp	ELECT,10µF-M/50V 5*11	nsp
C314		nsp	ELECT,10µF-M/50V 5*11	nsp
C315		nsp	CER.,820pF-K/50V	nsp
C316		nsp	CER.,820pF-K/50V	nsp
C317		nsp	ELECT,10µF-M/50V 5*11	nsp
C318				
∫		nsp	CER.,100pF-K/50V	nsp
C321				
C322		nsp	CER.,0.1µF-Z/50V	nsp
C323		nsp	CER.,0.1µF-Z/50V	nsp
CN301		nsp	CN WIRE,450/9P	nsp
CN303		nsp	CN WIRE,100MM/4P	nsp
CN304		nsp	CN WIRE,470MM/5P	nsp
CN305		nsp	CN WIRE,80/3P	nsp
			FRONT - RESISTORS	
R301		nsp	68K-J 1/6W	nsp
R302		nsp	68K-J 1/6W	nsp
R303		nsp	330-J 1/6W	nsp
R304		nsp	100-J 1/6W	nsp
R305		nsp	120-J 1/6W	nsp
R306		nsp	150-J 1/6W	nsp
R307		nsp	150-J 1/6W	nsp
R308		nsp	270-J 1/6W	nsp
R309		nsp	270-J 1/6W	nsp
R310		nsp	470-J 1/6W	nsp
R311		nsp	820-J 1/6W	nsp
R312		nsp	1K-J 1/6W	nsp
R313		nsp	120-J 1/6W	nsp
R314		nsp	150-J 1/6W	nsp
R315		nsp	150-J 1/6W	nsp
R316		nsp	270-J 1/6W	nsp
R317		nsp	270-J 1/6W	nsp
R318		nsp	470-J 1/6W	nsp
R319		nsp	820-J 1/6W	nsp
R322		nsp	1K-J 1/6W	nsp
R323		nsp	120-J 1/6W	nsp
R324		nsp	150-J 1/6W	nsp
R325		nsp	150-J 1/6W	nsp
R326		nsp	270-J 1/6W	nsp
R327		nsp	270-J 1/6W	nsp
R328		nsp	470-J 1/6W	nsp
R329		nsp	820-J 1/6W	nsp
R330		nsp	1.5K-J 1/6W	nsp
R332		nsp	1K-J 1/6W	nsp
R333		nsp	10K-J 1/6W	nsp
R334		nsp	1K-J 1/6W	nsp
R335		nsp	1K-J 1/6W	nsp
R336		nsp	1K-J 1/6W	nsp
R337		nsp	330-J 1/6W	nsp
R338		nsp	1K-J 1/6W	nsp
R340		nsp	330-J 1/6W	nsp
R341		nsp	330-J 1/6W	nsp
R342		nsp	47K-J 1/6W	nsp
R343		nsp	75-J 1/6W	nsp
R344		nsp	75-J 1/6W	nsp
R345		nsp	75-J 1/6W	nsp
R346		nsp	47K-J 1/6W	nsp

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
R347		nsp	470-J 1/6W	nsp
R348		nsp	100K-J 1/6W	nsp
R349		nsp	10K-J 1/6W	nsp
R350		nsp	100K-J 1/6W	nsp
R351		nsp	47K-J 1/6W	nsp
R352		nsp	470-J 1/6W	nsp
R353		nsp	2.2K-J 1/6W	nsp
R354		nsp	330-J 1/6W	nsp
R355M		nsp	24K-J 1/6W	nsp
R356		nsp	24K-J 1/6W	nsp
R357		nsp	24K-J 1/6W	nsp
R359		nsp	24K-J 1/6W	nsp
			FRONT - SEMICONDUCTORS	
D301		4822 130 32778	DIODE,1SS133T	HD20015210
D316M		4822 130 10854	LED ROUND,SLR-34URCF25	*HI100710R
D317		4822 130 32778	DIODE,1SS133T	HD20015210
D318		4822 130 10854	LED ROUND,SLR-34URCF25	*HI100710R
D319		4822 130 10854	LED ROUND,SLR-34URCF25	*HI100710R
D320		4822 130 10854	LED ROUND,SLR-34URCF25	*HI100710R
D328		4822 130 83172	D ZENER,MTZJ11B	*HD301990R
D332		4822 130 32778	DIODE,1SS133T	HD20015210
D333		4822 130 32778	DIODE,1SS133T	HD20015210
D336		4822 130 32778	DIODE,1SS133T	HD20015210
D337		4822 130 32778	DIODE,1SS133T	HD20015210
Q301		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
Q302		9965 000 10987	TRS.RA,KRA111M TO92M	*BA001200R
Q303M		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
Q304		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
Q305		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
Q306		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
Q309		4822 130 43233	TRS.2SC,KTC3200BL TO92	HT322402A0
			FRONT - MISCELLANEOUS	
FPC109		9965 000 11014	CABLE FLAT CARD	*YU000930R
FPC109B		nsp	CN.FPC 1.25MM, 52492-2320 23P	nsp
IC301		9965 000 10986	IC,LC75721E QIP64	*HC107290R
L302		nsp	COIL FILTER-INDUCTOR, 10UH-Q40/24M 02TB	nsp
SILD		nsp	SUPPORTER FRONT GND	nsp
SW301 ∫ SW324		9965 000 10988	SW TACT, SKHV10920A 5MM/260G	*SP000900R
			ST/BY LED CIRCUIT BOARD	
			ST/BY LED - SEMICONDUCTORS	
D303		4822 130 10854	LED ROUND,SLR-34URCF25	*HI100710R
			ST/BY LED - MISCELLANEOUS	
J320 ∫ J323	U	nsp	JUMPER (0.6/52MM)	nsp
SW325	U	9965 000 10988	SW TACT, SKHV10920A 5MM/260G	*SP000900R
			M-CONTROL (SURROUND MODE SW) CIRCUIT BOARD	
			M-CONTROL - CAPACITORS	
C371		nsp	CER.,820pF-K/50V	nsp
C372		nsp	CER.,820pF-K/50V	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			M-CONTROL - MISCELLANEOUS	
CP305		nsp	CN.WAFER 2.0MM, GIL-S-03P-S2L2-EF	nsp
			INPUT 1 CIRCUIT BOARD	
			INPUT 1 - CAPACITORS	
C401L	K, N	nsp	CER.,100pF-K/50V	nsp
C401R	K, N	nsp	CER.,100pF-K/50V	nsp
C402L	K, N	nsp	CER.,100pF-K/50V	nsp
C402R	K, N	nsp	CER.,100pF-K/50V	nsp
C403L	K, N	nsp	CER.,100pF-K/50V	nsp
C403R	K, N	nsp	CER.,100pF-K/50V	nsp
C404L	K, N	nsp	CER.,100pF-K/50V	nsp
C404R	K, N	nsp	CER.,100pF-K/50V	nsp
C405L	K, N	nsp	CER.,100pF-K/50V	nsp
C405R	K, N	nsp	CER.,100pF-K/50V	nsp
C406L	K, N	nsp	CER.,100pF-K/50V	nsp
C406R	K, N	nsp	CER.,100pF-K/50V	nsp
C407L	K, N	nsp	CER.,100pF-K/50V	nsp
C407R	K, N	nsp	CER.,100pF-K/50V	nsp
C408L	K, N	nsp	CER.,100pF-K/50V	nsp
C408R	K, N	nsp	CER.,100pF-K/50V	nsp
C411L		nsp	ELECT,4.7µF-M/50V 5*11	nsp
C411R		nsp	ELECT,4.7µF-M/50V 5*11	nsp
C412L		nsp	ELECT,4.7µF-M/50V 5*11	nsp
C412R		nsp	ELECT,4.7µF-M/50V 5*11	nsp
C413L		nsp	ELECT,4.7µF-M/50V 5*11	nsp
C413R		nsp	ELECT,4.7µF-M/50V 5*11	nsp
C414L		nsp	ELECT,4.7µF-M/50V 5*11	nsp
C414R		nsp	ELECT,4.7µF-M/50V 5*11	nsp
C415L		nsp	ELECT,4.7µF-M/50V 5*11	nsp
C415R		nsp	ELECT,4.7µF-M/50V 5*11	nsp
C416L		nsp	ELECT,4.7µF-M/50V 5*11	nsp
C416R		nsp	ELECT,4.7µF-M/50V 5*11	nsp
C418 ∫ C423		nsp	CER.,0.1µF-Z/50V	nsp
C424		nsp	CER.,100pF-K/50V	nsp
C425		nsp	CER.,100pF-K/50V	nsp
C426		nsp	CER.,100pF-K/50V	nsp
C427		nsp	ELECT,47µF-M/25V 5*11	nsp
C428		nsp	CER.,0.1µF-Z/50V	nsp
C429		nsp	ELECT,47µF-M/25V 5*11	nsp
C430		nsp	CER.,0.1µF-Z/50V	nsp
C431		nsp	CER.,0.1µF-Z/50V	nsp
C432		nsp	CER.,0.1µF-Z/50V	nsp
			INPUT 1 - RESISTORS	
R401L		nsp	470-J 1/6W	nsp
R401R		nsp	470-J 1/6W	nsp
R402L		nsp	470-J 1/6W	nsp
R402R		nsp	470-J 1/6W	nsp
R403L		nsp	470-J 1/6W	nsp
R403R		nsp	470-J 1/6W	nsp
R404L		nsp	470-J 1/6W	nsp
R404R		nsp	470-J 1/6W	nsp
R405L		nsp	470-J 1/6W	nsp
R405R		nsp	470-J 1/6W	nsp
R406L		nsp	470-J 1/6W	nsp
R406R		nsp	470-J 1/6W	nsp
R407L		nsp	470-J 1/6W	nsp
R407R		nsp	470-J 1/6W	nsp
R408L		nsp	470-J 1/6W	nsp
R408R		nsp	470-J 1/6W	nsp

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
R411L		nsp	150-J 1/6W	nsp
R411R		nsp	150-J 1/6W	nsp
R412L		nsp	470K-J 1/6W	nsp
R412R		nsp	470K-J 1/6W	nsp
R413L		nsp	470K-J 1/6W	nsp
R413R		nsp	470K-J 1/6W	nsp
R414L		nsp	150-J 1/6W	nsp
R414R		nsp	150-J 1/6W	nsp
R415L		nsp	470K-J 1/6W	nsp
R415R		nsp	470K-J 1/6W	nsp
R416L		nsp	150-J 1/6W	nsp
R416R		nsp	150-J 1/6W	nsp
R417L		nsp	470K-J 1/6W	nsp
R417R		nsp	470K-J 1/6W	nsp
R418L		nsp	470K-J 1/6W	nsp
R418R		nsp	470K-J 1/6W	nsp
R419L		nsp	150-J 1/6W	nsp
R419R		nsp	150-J 1/6W	nsp
R420L		nsp	470K-J 1/6W	nsp
R420R		nsp	470K-J 1/6W	nsp
R421L		nsp	150-J 1/6W	nsp
R421R		nsp	150-J 1/6W	nsp
R422L		nsp	470K-J 1/6W	nsp
R422R		nsp	470K-J 1/6W	nsp
R423L		nsp	470K-J 1/6W	nsp
R423R		nsp	470K-J 1/6W	nsp
R424L		nsp	150-J 1/6W	nsp
R424R		nsp	150-J 1/6W	nsp
R425L		nsp	470K-J 1/6W	nsp
R425R		nsp	470K-J 1/6W	nsp
R426		nsp	1K-J 1/6W	nsp
R427		nsp	1K-J 1/6W	nsp
R428		nsp	1K-J 1/6W	nsp
R429		nsp	4.7-J 1/6W	nsp
R430		nsp	4.7-J 1/6W	nsp
			INPUT 1 - SEMICONDUCTORS	
IC401		9965 000 11428	IC,TC9274N-008 DIP42	*HC107590R
IC402		4822 209 16842	IC,NJU7312AL SDIP28P	HC10124090
IC403		4822 209 73064	IC,NJM2068DD DIP8P	HC10053090
IC404		4822 209 73064	IC,NJM2068DD DIP8P	HC10053090
IC405		4822 209 73064	IC,NJM2068DD DIP8P	HC10053090
			INPUT 1 - MISCELLANEOUS	
CN107		nsp	CN.WAFER 2.0MM, TUC-P10X-1 HOUSING ST	nsp
CN108		nsp	CN.WAFER 2.0MM, TUC-P20X-1 HOUSING ST	nsp
CP3011		nsp	CN.WAFER 2.0MM, G1L-S-3P-S2T2-EF	nsp
			INPUT 2 CIRCUIT BOARD	
			INPUT 2 - CAPACITORS	
C417		nsp	CER.,0.01µF-M/16V	nsp
C451L	K, N	nsp	CER.,100pF-K/50V	nsp
C451R	K, N	nsp	CER.,100pF-K/50V	nsp
C452L	K, N	nsp	CER.,100pF-K/50V	nsp
C452R	K, N	nsp	CER.,100pF-K/50V	nsp
C453L	K, N	nsp	CER.,100pF-K/50V	nsp
C453R	K, N	nsp	CER.,100pF-K/50V	nsp
C454L		nsp	ELECT,4.7µF-M/50V 5*11	nsp
C454R		nsp	ELECT,4.7µF-M/50V 5*11	nsp
C455L		nsp	CER.,100pF-K/50V	nsp
C455R		nsp	CER.,100pF-K/50V	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
C457L		nsp	ELECT,1µF-M/50V 5*11	nsp
C457R		nsp	ELECT,1µF-M/50V 5*11	nsp
C459L	K, N	nsp	CER.,100pF-K/50V	nsp
C459R	K, N	nsp	CER.,100pF-K/50V	nsp
C460		nsp	CER.,0.1µF-Z/50V	nsp
C461		nsp	ELECT,47µF-M/25V 5*11	nsp
C462		nsp	CER.,0.1µF-Z/50V	nsp
C463		nsp	ELECT,47µF-M/25V 5*11	nsp
C464		nsp	CER.,0.1µF-Z/50V	nsp
C465		nsp	CER.,0.1µF-Z/50V	nsp
C466		nsp	CER.,0.01µF-M/16V	nsp
C467		nsp	ELECT,47µF-M/25V 5*11	nsp
C468		nsp	CER.,0.01µF-M/16V	nsp
C469		nsp	CER.,0.01µF-M/16V	nsp
C470		nsp	CER.,0.01µF-M/16V	nsp
C471		nsp	CER.,100pF-K/50V	nsp
C472		nsp	CER.,100pF-K/50V	nsp
C473		nsp	CER.,100pF-K/50V	nsp
C474		nsp	CER.,0.01µF-M/16V	nsp
C475		nsp	CER.,0.1µF-Z/50V	nsp
C476		nsp	CER.,0.01µF-M/16V	nsp
			INPUT 2 - RESISTORS	
R451L		nsp	470-J 1/6W	nsp
R451R		nsp	470-J 1/6W	nsp
R452L		nsp	470-J 1/6W	nsp
R452R		nsp	470-J 1/6W	nsp
R453L		nsp	470-J 1/6W	nsp
R453R		nsp	470-J 1/6W	nsp
R454L		nsp	150-J 1/6W	nsp
R454R		nsp	150-J 1/6W	nsp
R455L		nsp	470K-J 1/6W	nsp
R455R		nsp	470K-J 1/6W	nsp
R456L		nsp	5.6K-J 1/6W	nsp
R456R		nsp	5.6K-J 1/6W	nsp
R457L		nsp	1.2K-J 1/6W	nsp
R457R		nsp	1.2K-J 1/6W	nsp
R458L		nsp	1K-J 1/6W	nsp
R458R		nsp	1K-J 1/6W	nsp
R459L		nsp	470K-J 1/6W	nsp
R459R		nsp	470K-J 1/6W	nsp
R460L		nsp	470-J 1/6W	nsp
R460R		nsp	470-J 1/6W	nsp
R461		nsp	2.7K-J 1/6W	nsp
R462		nsp	2.2K-J 1/6W	nsp
R463		nsp	2.2K-J 1/6W	nsp
R464		nsp	47-J 1/6W	nsp
R466		nsp	10K-J 1/6W	nsp
R467		nsp	68-J 1/6W	nsp
R469		nsp	10K-J 1/6W	nsp
R470		nsp	68-J 1/6W	nsp
R471		nsp	270-J 1/6W	nsp
R472		nsp	220-J 1/6W	nsp
R473		nsp	47-J 1/6W	nsp
R475		nsp	1K-J 1/6W	nsp
R476		nsp	1K-J 1/6W	nsp
R477		nsp	1K-J 1/6W	nsp
R478		nsp	47-J 1/6W	nsp
			INPUT 2 - SEMICONDUCTORS	
IC451		9965 000 01373	IC,KIC9459F SOP24P	HC10[illegible]49050
IC452		4822 209 73064	IC,NJM2068DD DIP8P	HC10[illegible]53090
IC453		9965 000 11429	PHOTO COUPLER, H11A817B DIP4	*HC2[illegible]140R

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
Q451L		9965 000 10445	TRS.2SC,KTC2874B TO92	*HT300880R
Q451R		9965 000 10445	TRS.2SC,KTC2874B TO92	*HT300880R
Q452		4822 130 62787	TRS.RB,KRA107M	*BA000190R
Q453		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
Q454		4822 130 60588	TRS.RC,KRC102M TO92M	*BA001180R
Q455		4822 130 62787	TRS.RB,KRA107M	*BA000190R
Q457		4822 130 60588	TRS.RC,KRC102M TO92M	*BA001180R
Q458		4822 130 62787	TRS.RB,KRA107M	*BA000190R
			INPUT 2 - MISCELLANEOUS	
CN109		nsp	CN.WAFER 2.0MM, 35237-1310 13P	nsp
CN110		nsp	CN.WAFER 2.0MM, TUC-P15X-1 HOUSING ST	nsp
J444	U	nsp	JUMPER (0.6/52MM)	nsp
J445	K, N	nsp	JUMPER (0.6/52MM)	nsp
			VOLUME CIRCUIT BOARD	
			VOLUME - CAPACITORS	
C503FL		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C505C		nsp	ELECT,0.1μF-M/50V 5*11	nsp
C505F		nsp	ELECT,0.1μF-M/50V 5*11	nsp
C505S		nsp	ELECT,0.1μF-M/50V 5*11	nsp
C505SC		nsp	ELECT,0.1μF-M/50V 5*11	nsp
C505SW		nsp	ELECT,0.1μF-M/50V 5*11	nsp
C515C		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C515FL		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C515FR		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C515SC		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C515SL		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C515SR		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C515SW		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C528C		nsp	ELECT,2.2μF-M/50V 5*11	nsp
C528FL		nsp	ELECT,2.2μF-M/50V 5*11	nsp
C528FR		nsp	ELECT,2.2μF-M/50V 5*11	nsp
C528SC		nsp	ELECT,2.2μF-M/50V 5*11	nsp
C528SL		nsp	ELECT,2.2μF-M/50V 5*11	nsp
C528SR		nsp	ELECT,2.2μF-M/50V 5*11	nsp
C528SW		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C533C		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C533FL		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C533FR		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C533SC		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C533SL		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C533SR		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C533SW		nsp	CER.CHIP,1200pF-K/50V-1608	nsp
C541C		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C541FL		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C541FR		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C541SC		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C541SL		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C541SR		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C541SW		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C543		nsp	CER.CHIP,0.1μF-Z/50V-1608	nsp
C544		nsp	CER.CHIP,0.1μF-Z/50V-1608	nsp
C545A		nsp	CER.CHIP,1000pF-K/50V-1608	nsp
C545C		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C545FL		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C545FR		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C545SC		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C545SL		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C545SR		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C545SW		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C546A		nsp	CER.CHIP,1000pF-K/50V-1608	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
C552				
⟆		nsp	CER.CHIP,0.1μF-Z/50V-1608	nsp
C556				
C557				
⟆		nsp	ELECT,47μF-M/25V 5*11	nsp
C560				
C561				
⟆		nsp	CER.CHIP,0.1μF-Z/50V-1608	nsp
C564				
C565		nsp	ELECT,47μF-M/25V 5*11	nsp
C566		nsp	ELECT,47μF-M/25V 5*11	nsp
C567		nsp	CER.CHIP,0.1μF-Z/50V-1608	nsp
C568		nsp	CER.CHIP,0.1μF-Z/50V-1608	nsp
C571C		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C571FL		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C571FR		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C571SC		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C571SL		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C571SR		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C571SW		nsp	ELECT,4.7μF-M/16V 5*11	nsp
C576				
⟆		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C584				
C585		nsp	CER.CHIP,0.1μF-Z/50V-1608	nsp
C586		nsp	CER.CHIP,0.1μF-Z/50V-1608	nsp
C587		nsp	ELECT,10μF-M/50V 5*11	nsp
C588		nsp	ELECT,10μF-M/50V 5*11	nsp
C589		nsp	ELECT,47μF-M/50V 6.3*11	nsp
C590		nsp	ELECT,47μF-M/50V 6.3*11	nsp
C591		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C592		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C593		nsp	CER.CHIP,0.1μF-Z/50V-1608	nsp
C594		nsp	CER.CHIP,0.1μF-Z/50V-1608	nsp
C595		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C596		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C597				
⟆		nsp	ELECT,10μF-M/50V 5*11	nsp
C600				
C601		nsp	CER.CHIP,0.1μF-Z/50V-1608	nsp
			VOLUME - RESISTORS	
R501		nsp	CHIP,560-J 1/16W-1608	nsp
R502		nsp	CHIP,560-J 1/16W-1608	nsp
R502C		nsp	CHIP,100K-J 1/16W-1608	nsp
R502FL		nsp	CHIP,100K-J 1/16W-1608	nsp
R502FR		nsp	CHIP,100K-J 1/16W-1608	nsp
R502SC		nsp	CHIP,100K-J 1/16W-1608	nsp
R502SL		nsp	CHIP,100K-J 1/16W-1608	nsp
R502SR		nsp	CHIP,100K-J 1/16W-1608	nsp
R502SW		nsp	CHIP,100K-J 1/16W-1608	nsp
R503		nsp	4.7-J 1/6W	nsp
R504		nsp	4.7-J 1/6W	nsp
R507C		nsp	CHIP,1K-J 1/16W-1608	nsp
R507FL		nsp	CHIP,1K-J 1/16W-1608	nsp
R507FR		nsp	CHIP,1K-J 1/16W-1608	nsp
R507SC		nsp	CHIP,1K-J 1/16W-1608	nsp
R507SL		nsp	CHIP,1K-J 1/16W-1608	nsp
R507SR		nsp	CHIP,1K-J 1/16W-1608	nsp
R507SW		nsp	CHIP,1K-J 1/16W-1608	nsp
R512C		nsp	CHIP,220-J 1/16W-1608	nsp
R512FL		nsp	CHIP,1K-J 1/16W-1608	nsp
R512FR		nsp	CHIP,1K-J 1/16W-1608	nsp
R512SC		nsp	CHIP,220-J 1/16W-1608	nsp

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
R512SL		nsp	CHIP,220-J 1/16W-1608	nsp
R512SR		nsp	CHIP,220-J 1/16W-1608	nsp
R512SW		nsp	CHIP,220-J 1/16W-1608	nsp
R515		nsp	CHIP,10K-J 1/16W-1608	nsp
R516C		nsp	CHIP,470K-J 1/16W-1608	nsp
R516FL		nsp	CHIP,100K-J 1/16W-1608	nsp
R516FR		nsp	CHIP,100K-J 1/16W-1608	nsp
R516SC		nsp	CHIP,470K-J 1/16W-1608	nsp
R516SL		nsp	CHIP,470K-J 1/16W-1608	nsp
R516SR		nsp	CHIP,470K-J 1/16W-1608	nsp
R516SW		nsp	CHIP,1.5K-J 1/16W-1608	nsp
R525		nsp	10K-J 1/6W	nsp
R526		nsp	10K-J 1/6W	nsp
R527		nsp	CHIP,10K-J 1/16W-1608	nsp
R528		nsp	10K-J 1/6W	nsp
R529		nsp	CHIP,10K-J 1/16W-1608	nsp
R530		nsp	CHIP,10K-J 1/16W-1608	nsp
R532		nsp	CHIP,22K-J 1/16W-1608	nsp
R536C		nsp	CHIP,470-J 1/16W-1608	nsp
R536FL		nsp	CHIP,470-J 1/16W-1608	nsp
R536FR		nsp	CHIP,470-J 1/16W-1608	nsp
R536SC		nsp	CHIP,470-J 1/16W-1608	nsp
R536SL		nsp	CHIP,470-J 1/16W-1608	nsp
R536SR		nsp	CHIP,470-J 1/16W-1608	nsp
R536SW		nsp	CHIP,470-J 1/16W-1608	nsp
R537		nsp	22K-J 1/6W	nsp
R538		nsp	CHIP,22K-J 1/16W-1608	nsp
R539		nsp	22K-J 1/6W	nsp
R540		nsp	22K-J 1/6W	nsp
R541		nsp	CHIP,22K-J 1/16W-1608	nsp
R542		nsp	CHIP,22K-J 1/16W-1608	nsp
R543 ∫		nsp	100K-J 1/6W	nsp
R547				
R549C		nsp	CHIP,100K-J 1/16W-1608	nsp
R549FL		nsp	CHIP,100K-J 1/16W-1608	nsp
R549FR		nsp	CHIP,100K-J 1/16W-1608	nsp
R549SC		nsp	CHIP,100K-J 1/16W-1608	nsp
R549SL		nsp	CHIP,100K-J 1/16W-1608	nsp
R549SR		nsp	CHIP,100K-J 1/16W-1608	nsp
R549SW		nsp	100K-J 1/6W	nsp
R559C		nsp	CHIP,470-J 1/16W-1608	nsp
R559FL		nsp	CHIP,470-J 1/16W-1608	nsp
R559FR		nsp	CHIP,470-J 1/16W-1608	nsp
R559SC		nsp	CHIP,470-J 1/16W-1608	nsp
R559SL		nsp	CHIP,470-J 1/16W-1608	nsp
R559SR		nsp	CHIP,470-J 1/16W-1608	nsp
R559SW		nsp	CHIP,470-J 1/16W-1608	nsp
R567C		nsp	CHIP,3K-J 1/16W-1608	nsp
R567FL		nsp	CHIP,3K-J 1/16W-1608	nsp
R567FR		nsp	CHIP,3K-J 1/16W-1608	nsp
R567SC		nsp	CHIP,3K-J 1/16W-1608	nsp
R567SL		nsp	CHIP,3K-J 1/16W-1608	nsp
R567SR		nsp	CHIP,3K-J 1/16W-1608	nsp
R567SW		nsp	CHIP,5.1K-J 1/16W-1608	nsp
R569C		nsp	CHIP,1.2K-J 1/16W-1608	nsp
R569FL		nsp	CHIP,1.2K-J 1/16W-1608	nsp
R569FR		nsp	CHIP,1.2K-J 1/16W-1608	nsp
R569SC		nsp	CHIP,1.2K-J 1/16W-1608	nsp
R569SL		nsp	CHIP,1.2K-J 1/16W-1608	nsp
R569SR		nsp	CHIP,1.2K-J 1/16W-1608	nsp
R569SW		nsp	CHIP,1.2K-J 1/16W-1608	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
R582C		nsp	CHIP,68K-J 1/16W-1608	nsp
R582FL		nsp	CHIP,68K-J 1/16W-1608	nsp
R582FR		nsp	CHIP,68K-J 1/16W-1608	nsp
R582SC		nsp	CHIP,68K-J 1/16W-1608	nsp
R582SL		nsp	CHIP,68K-J 1/16W-1608	nsp
R582SR		nsp	CHIP,68K-J 1/16W-1608	nsp
R582SW		nsp	CHIP,68K-J 1/16W-1608	nsp
R589C		nsp	CHIP,470-J 1/16W-1608	nsp
R589FL		nsp	CHIP,470-J 1/16W-1608	nsp
R589FR		nsp	CHIP,470-J 1/16W-1608	nsp
R589SC		nsp	CHIP,470-J 1/16W-1608	nsp
R589SL		nsp	CHIP,470-J 1/16W-1608	nsp
R589SR		nsp	CHIP,470-J 1/16W-1608	nsp
R589SW		nsp	CHIP,470-J 1/16W-1608	nsp
R590		nsp	1K-J 1/6W	nsp
R591		nsp	CHIP,2K-J 1/16W-1608	nsp
R592		nsp	1K-J 1/6W	nsp
R593		nsp	CHIP,2K-J 1/16W-1608	nsp
R594		nsp	CHIP,2K-J 1/16W-1608	nsp
R595 ∫		nsp	1K-J 1/6W	nsp
R598				
R599		nsp	100-J 1/6W	nsp
R600		nsp	100-J 1/6W	nsp
R601		nsp	CHIP,100K-J 1/16W-1608	nsp
R602		nsp	CHIP,100K-J 1/16W-1608	nsp
R603		nsp	4.7K-J 1/6W	nsp
R604		nsp	4.7K-J 1/6W	nsp
R605		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R606		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R607 ∫		nsp	CHIP,10K-J 1/16W-1608	nsp
R612				
R613		nsp	CHIP,47K-J 1/16W-1608	nsp
R614		nsp	CHIP,47K-J 1/16W-1608	nsp
R615 ∫		nsp	CHIP,10K-J 1/16W-1608	nsp
R618				
R619		nsp	CHIP,100K-J 1/16W-1608	nsp
R620		nsp	CHIP,100K-J 1/16W-1608	nsp
			VOLUME - SEMICONDUCTORS	
D501 ∫		4822 130 32778	DIODE,1SS133T	HD2001 5210
D512				
IC501		9965 000 01373	IC,KIC9459F SOP24P	HC1044 9050
IC502		9965 000 10985	IC,KIC9482F FLP28	*HC107 280R
IC505 ∫		4822 209 17155	IC,NJM2068M SOP8P	HC1010 2090
IC512				
IC513		4822 209 16843	IC,NJU7313AL SDIP28P	HC1012 5090
IC514		9965 000 02111	IC,BU4053BCF SOP16P	HC4053 21Z0
Q501 ∫		9965 000 10445	TRS.2SC,KTC2874B TO92	*HT30 380R
Q514				
			VOLUME - MISCELLANEOUS	
CN114		nsp	CN.WAFER 2.0MM, TUC-P15X-1 HOUSING ST	nsp
CN115		nsp	CN.WAFER 2.0MM, TUC-P20X-1 HOUSING ST	nsp
CP503		nsp	CN WIRE,220MM 12P	nsp

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			DSP CIRCUIT BOARD	
			DSP - CAPACITORS	
C701				
⟆		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C705				
C706		nsp	ELECT,47μF-M/10V 5*11	nsp
C707		nsp	CER.CHIP,22pF-J/50V-1608	nsp
C708		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C709		nsp	ELECT,47μF-M/10V 5*11	nsp
C710		nsp	CER.CHIP,22pF-J/50V-1608	nsp
C711		nsp	CER.CHIP,22pF-J/50V-1608	nsp
C712		nsp	ELECT,47μF-M/10V 5*11	nsp
C713		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C714		nsp	CER.CHIP,22pF-J/50V-1608	nsp
C715		nsp	ELECT,3.3μF-M/50V 5*11	nsp
C716		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C717		nsp	CER.CHIP,22pF-J/50V-1608	nsp
C718		nsp	CER.CHIP,22pF-J/50V-1608	nsp
C719		nsp	ELECT,3.3μF-M/50V 5*11	nsp
C720		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C721		nsp	CER.CHIP,22pF-J/50V-1608	nsp
C722		nsp	CER.CHIP,22pF-J/50V-1608	nsp
C723		nsp	ELECT,3.3μF-M/50V 5*11	nsp
C724		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C725		nsp	CER.CHIP,22pF-J/50V-1608	nsp
C726		nsp	ELECT,100μF-M/10V 5*11	nsp
C727		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C728		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C729		nsp	ELECT,100μF-M/10V 5*11	nsp
C730		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C731		nsp	ELECT,1μF-M/50V 5*11	nsp
C732		nsp	ELECT,1μF-M/50V 5*11	nsp
C733		nsp	ELECT,10μF-M/50V 5*11	nsp
C734		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C735		nsp	ELECT,100μF-M/10V 5*11	nsp
C736		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C738		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C739		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C740		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C741		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C742		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C743		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C744		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C745		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C746		nsp	ELECT,10μF-M/50V 5*11	nsp
C747		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C748		nsp	CER.CHIP,27pF-J/50V-1608	nsp
C749		nsp	CER.CHIP,27pF-J/50V-1608	nsp
C750		nsp	CER.CHIP,1000pF-K/50V-1608	nsp
C751		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C752		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C753		nsp	ELECT,100μF-M/10V 5*11	nsp
C754		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C755		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C756		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C757		nsp	ELECT,220μF-M/6.3V 6.3*1	nsp
C758		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C759		nsp	CER.CHIP,470pF-J/50V-1608	nsp
C760		nsp	ELECT,47μF-M/10V 5*11	nsp
C761		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C762		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C763		nsp	ELECT,2.2μF-M/50V 5*11	nsp
C764		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C765		nsp	ELECT,1μF-M/50V 5*11	nsp
C766		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C767		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C768		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C769		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C770		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C771		nsp	ELECT,1μF-M/50V 5*11	nsp
C772		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C773		nsp	ELECT,100μF-M/10V 5*11	nsp
C774		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C775		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C776		nsp	ELECT,100μF-M/10V 5*11	nsp
C777		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C778		nsp	ELECT,100μF-M/10V 5*11	nsp
C779		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C780		nsp	ELECT,1μF-M/50V 5*11	nsp
C782		nsp	ELECT,1μF-M/50V 5*11	nsp
C783AFL		nsp	ELECT,10μF-M/50V 5*11	nsp
C783AFR		nsp	ELECT,10μF-M/50V 5*11	nsp
C784AFL		nsp	ELECT,10μF-M/50V 5*11	nsp
C784AFR		nsp	ELECT,10μF-M/50V 5*11	nsp
C785AFL		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C785AFR		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C786AFL		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C786AFR		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C787AFL		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C787AFR		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C788AFL		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C788AFR		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C789AFL		nsp	CER.CHIP,1000pF-K/50V-1608	nsp
C789AFR		nsp	CER.CHIP,1000pF-K/50V-1608	nsp
C790				
⟆		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C794				
C794C		nsp	ELECT,10μF-M/50V 5*11	nsp
C794FL1		nsp	ELECT,10μF-M/50V 5*11	nsp
C794FL2		nsp	ELECT,10μF-M/50V 5*11	nsp
C794FR1		nsp	ELECT,10μF-M/50V 5*11	nsp
C794FR2		nsp	ELECT,10μF-M/50V 5*11	nsp
C794SC		nsp	ELECT,10μF-M/50V 5*11	nsp
C794SL		nsp	ELECT,10μF-M/50V 5*11	nsp
C794SR		nsp	ELECT,10μF-M/50V 5*11	nsp
C794SW		nsp	ELECT,10μF-M/50V 5*11	nsp
C795		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C795C		nsp	CER.CHIP,2200pF-K/50V-1608	nsp
C795SC		nsp	CER.CHIP,2200pF-K/50V-1608	nsp
C795SL		nsp	CER.CHIP,2200pF-K/50V-1608	nsp
C795SR		nsp	CER.CHIP,2200pF-K/50V-1608	nsp
C795SW		nsp	FILM,0.15μF-K/63V	nsp
C796		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C796FL1		nsp	CER.CHIP,3300pF-K/50V-1608	nsp
C796FL2		nsp	CER.CHIP,3300pF-K/50V-1608	nsp
C796FR1		nsp	CER.CHIP,3300pF-K/50V-1608	nsp
C796FR2		nsp	CER.CHIP,3300pF-K/50V-1608	nsp
C797		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C797FL1		nsp	CER.CHIP,390pF-J/50V-1608	nsp
C797FL2		nsp	CER.CHIP,390pF-J/50V-1608	nsp
C797FR1		nsp	CER.CHIP,390pF-J/50V-1608	nsp
C797FR2		nsp	CER.CHIP,390pF-J/50V-1608	nsp
C798C		nsp	CER.CHIP,1500pF-K/50V-1608	nsp
C798SC		nsp	CER.CHIP,1500pF-K/50V-1608	nsp
C798SL		nsp	CER.CHIP,1500pF-K/50V-1608	nsp
C798SR		nsp	CER.CHIP,1500pF-K/50V-1608	nsp

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
C798SW		nsp	FILM,0.018μF-K/63V	nsp
C799C		nsp	ELECT,10μF-M/50V 5*11	nsp
C799FL		nsp	ELECT,10μF-M/50V 5*11	nsp
C799FR		nsp	ELECT,10μF-M/50V 5*11	nsp
C799SC		nsp	ELECT,10μF-M/50V 5*11	nsp
C799SL		nsp	ELECT,10μF-M/50V 5*11	nsp
C799SR		nsp	ELECT,10μF-M/50V 5*11	nsp
C799SW		nsp	ELECT,10μF-M/50V 5*11	nsp
C800C		nsp	CER.CHIP,3300pF-K/50V-1608	nsp
C800FL		nsp	CER.CHIP,1500pF-K/50V-1608	nsp
C800FR		nsp	CER.CHIP,1500pF-K/50V-1608	nsp
C800SC		nsp	CER.CHIP,3300pF-K/50V-1608	nsp
C800SL		nsp	CER.CHIP,3300pF-K/50V-1608	nsp
C800SR		nsp	CER.CHIP,3300pF-K/50V-1608	nsp
C800SW		nsp	CER.CHIP,3300pF-K/50V-1608	nsp
C801		nsp	ELECT,100μF-M/10V 5*11	nsp
C802		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C803		nsp	ELECT,1μF-M/50V 5*11	nsp
C804		nsp	ELECT,10μF-M/50V 5*11	nsp
C866		nsp	ELECT,100μF-M/25V 6.3*11	nsp
C867		nsp	ELECT,100μF-M/25V 6.3*11	nsp
C868		nsp	ELECT,10μF-M/50V 5*11	nsp
C869		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C870		nsp	CER.CHIP,1000pF-K/50V-1608	nsp
C873		nsp	CER.CHIP,150pF-J/50V-1608	nsp
C875		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C876		nsp	CER.CHIP,27pF-J/50V-1608	nsp
C877		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C878		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
C879		nsp	CER.CHIP,0.1μF-K/50V-1608	nsp
			DSP - RESISTORS	
R701		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R702		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R703		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R704		nsp	CHIP,75-J 1/16W-1608	nsp
R705		nsp	CHIP,100-J 1/16W-1608	nsp
R706		nsp	CHIP,10K-J 1/16W-1608	nsp
R707		nsp	CHIP,100K-J 1/16W-1608	nsp
R708		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R709		nsp	CHIP,75-J 1/16W-1608	nsp
R710		nsp	CHIP,100-J 1/16W-1608	nsp
R711		nsp	CHIP,10K-J 1/16W-1608	nsp
R712		nsp	CHIP,100K-J 1/16W-1608	nsp
R713		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R714		nsp	CHIP,75-J 1/16W-1608	nsp
R715		nsp	CHIP,100-J 1/16W-1608	nsp
R716		nsp	CHIP,10K-J 1/16W-1608	nsp
R717		nsp	CHIP,100K-J 1/16W-1608	nsp
R718		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R719		nsp	CHIP,75-J 1/16W-1608	nsp
R720		nsp	CHIP,180-J 1/16W-1608	nsp
R721		nsp	CHIP,91-J 1/16W-1608	nsp
R722		nsp	CHIP,10K-J 1/16W-1608	nsp
R723		nsp	CHIP,10K-J 1/16W-1608	nsp
R724		nsp	CHIP,1M-J 1/16W-1608	nsp
R725 ∫		nsp	CHIP,33-J 1/16W-1608	nsp
R728				
R729		nsp	CHIP,75-J 1/16W-1608	nsp
R730		nsp	CHIP,5.1K-J 1/16W-1608	nsp
R731		nsp	CHIP,3K-J 1/16W-1608	nsp
R732		nsp	CHIP,8.2K-J 1/16W-1608	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
R733		nsp	CHIP,100-J 1/16W-1608	nsp
R734 ∫ R743		nsp	CHIP,10K-J 1/16W-1608	nsp
R744		nsp	CHIP,33-J 1/16W-1608	nsp
R745		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R748		nsp	CHIP,33-J 1/16W-1608	nsp
R749		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R750		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R751		nsp	CHIP,33K-J 1/16W-1608	nsp
R752		nsp	CHIP,10K-J 1/16W-1608	nsp
R753 ∫ R757		nsp	CHIP,33-J 1/16W-1608	nsp
R758		nsp	CHIP,10K-J 1/16W-1608	nsp
R759		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R760 ∫ R764		nsp	CHIP,33-J 1/16W-1608	nsp
R765		nsp	CHIP,33K-J 1/16W-1608	nsp
R766		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R768		nsp	CHIP,100-J 1/16W-1608	nsp
R769		nsp	CHIP,10K-J 1/16W-1608	nsp
R770		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R770AFL		nsp	CHIP,6.2K-J 1/16W-1608	nsp
R770AFR		nsp	CHIP,6.2K-J 1/16W-1608	nsp
R771AFL		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R771AFR		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R772		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R772AFL		nsp	CHIP,2.4K-J 1/16W-1608	nsp
R772AFR		nsp	CHIP,2.4K-J 1/16W-1608	nsp
R773AFL		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R773AFR		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R774AFL		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R774AFR		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R775AFL		nsp	CHIP,47K-J 1/16W-1608	nsp
R775AFR		nsp	CHIP,47K-J 1/16W-1608	nsp
R776AFL		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R776AFR		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R777AFL		nsp	CHIP,5.6K-J 1/16W-1608	nsp
R777AFR		nsp	CHIP,5.6K-J 1/16W-1608	nsp
R778AFL		nsp	CHIP,10K-J 1/16W-1608	nsp
R778AFR		nsp	CHIP,10K-J 1/16W-1608	nsp
R779AFL		nsp	CHIP,330-J 1/16W-1608	nsp
R779AFR		nsp	CHIP,330-J 1/16W-1608	nsp
R780AFL		nsp	CHIP,10K-J 1/16W-1608	nsp
R780AFR		nsp	CHIP,10K-J 1/16W-1608	nsp
R781AFL		nsp	CHIP,330-J 1/16W-1608	nsp
R781AFR		nsp	CHIP,330-J 1/16W-1608	nsp
R782C		nsp	CHIP,1.5K-J 1/16W-1608	nsp
R782SC		nsp	CHIP,1.5K-J 1/16W-1608	nsp
R782SL		nsp	CHIP,1.5K-J 1/16W-1608	nsp
R782SR		nsp	CHIP,1.5K-J 1/16W-1608	nsp
R782SW		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R783FL1		nsp	CHIP,7.5K-J 1/16W-1608	nsp
R783FL2		nsp	CHIP,7.5K-J 1/16W-1608	nsp
R783FR1		nsp	CHIP,7.5K-J 1/16W-1608	nsp
R783FR2		nsp	CHIP,7.5K-J 1/16W-1608	nsp
R784FL1		nsp	CHIP,4.3K-J 1/16W-1608	nsp
R784FL2		nsp	CHIP,4.3K-J 1/16W-1608	nsp
R784FR1		nsp	CHIP,4.3K-J 1/16W-1608	nsp
R784FR2		nsp	CHIP,4.3K-J 1/16W-1608	nsp
R785FL1		nsp	CHIP,820-J 1/16W-1608	nsp

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
R785FL2		nsp	CHIP,820-J 1/16W-1608	nsp
R785FR1		nsp	CHIP,820-J 1/16W-1608	nsp
R785FR2		nsp	CHIP,820-J 1/16W-1608	nsp
R786C		nsp	CHIP,1.5K-J 1/16W-1608	nsp
R786SC		nsp	CHIP,1.5K-J 1/16W-1608	nsp
R786SL		nsp	CHIP,1.5K-J 1/16W-1608	nsp
R786SR		nsp	CHIP,1.5K-J 1/16W-1608	nsp
R786SW		nsp	CHIP,4.7K-J 1/16W-1608	nsp
R787C		nsp	CHIP,2.7K-J 1/16W-1608	nsp
R787SC		nsp	CHIP,2.7K-J 1/16W-1608	nsp
R787SL		nsp	CHIP,2.7K-J 1/16W-1608	nsp
R787SR		nsp	CHIP,2.7K-J 1/16W-1608	nsp
R787SW		nsp	CHIP,1.2K-J 1/16W-1608	nsp
R788C		nsp	CHIP,3.3K-J 1/16W-1608	nsp
R788SC		nsp	CHIP,3.3K-J 1/16W-1608	nsp
R788SL		nsp	CHIP,3.3K-J 1/16W-1608	nsp
R788SR		nsp	CHIP,3.3K-J 1/16W-1608	nsp
R788SW		nsp	CHIP,9.1K-J 1/16W-1608	nsp
R790C		nsp	CHIP,180K-J 1/16W-1608	nsp
R790FL		nsp	CHIP,15K-J 1/16W-1608	nsp
R790FR		nsp	CHIP,15K-J 1/16W-1608	nsp
R790SC		nsp	CHIP,180K-J 1/16W-1608	nsp
R790SL		nsp	CHIP,180K-J 1/16W-1608	nsp
R790SR		nsp	CHIP,180K-J 1/16W-1608	nsp
R790SW		nsp	CHIP,100K-J 1/16W-1608	nsp
R791C		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R791FL		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R791FR		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R791SC		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R791SL		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R791SR		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R791SW		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R792		nsp	CHIP,470-J 1/16W-1608	nsp
R793		nsp	CHIP,1M-J 1/16W-1608	nsp
R799C		nsp	CHIP,470-J 1/16W-1608	nsp
R799FL		nsp	CHIP,1K-J 1/16W-1608	nsp
R799FR		nsp	CHIP,1K-J 1/16W-1608	nsp
R799SC		nsp	CHIP,470-J 1/16W-1608	nsp
R799SL		nsp	CHIP,470-J 1/16W-1608	nsp
R799SR		nsp	CHIP,470-J 1/16W-1608	nsp
R799SW		nsp	CHIP,470-J 1/16W-1608	nsp
R800		nsp	CHIP,20K-J 1/16W-1608	nsp
R801		nsp	CHIP,10K-J 1/16W-1608	nsp
R802C		nsp	CHIP,100K-J 1/16W-1608	nsp
R802SC		nsp	CHIP,100K-J 1/16W-1608	nsp
R802SL		nsp	CHIP,100K-J 1/16W-1608	nsp
R802SR		nsp	CHIP,100K-J 1/16W-1608	nsp
R802SW		nsp	CHIP,100K-J 1/16W-1608	nsp
R803 ⟆ R815		nsp	CHIP,33-J 1/16W-1608	nsp
R816 ⟆ R820		nsp	CHIP,1K-J 1/16W-1608	nsp
R821 ⟆ R824		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R825		nsp	CHIP,33-J 1/16W-1608	nsp
R826		nsp	CHIP,33-J 1/16W-1608	nsp
R828		nsp	CHIP,1K-J 1/16W-1608	nsp
R838		nsp	CHIP,470K-J 1/16W-1608	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			DSP - SEMICONDUCTORS	
D701 ⟆ D707		9965 000 10747	DIODE CHIP,KDS160	*HD201560R
IC701		9965 000 10995	IC,74VHCU04 SOP14	*HC700300R
IC702		9965 000 10996	IC,MM74HC151MX SOP16	*HC700330R
IC703		4822 209 14825	IC,BA4510F-T1 SOP	HC10159210
IC704		4822 209 14825	IC,BA4510F-T1 SOP	HC10159210
IC705		4822 209 31631	IC,NJM7805FA T0220F	HC3890509F
IC706		9965 000 10997	IC,RC1117S33ST SOT223	*HC900020R
IC707		9965 000 10998	IC,M27W201-80B6 PDIP32	*HC107300R
IC708		9965 000 10999	IC,MM74LCX574WMX SOP20	*HC700360R
IC709		9965 000 10999	IC,MM74LCX574WMX SOP20	*HC700360R
IC710		9965 000 06294	IC,LC89055W(ES4)	HC10405030
IC711		9965 000 11000	IC,SN74LV00APW	*HC700370R
IC712		9965 000 11001	IC,MM74HCT244WMX SOP20	*HC700350R
IC713		9965 000 11002	IC,MM74HC125MX SOP14	*HC700320R
IC715		9965 000 10589	IC,CS49326-CL PLCC44	*HC107260R
IC716		9965 000 11003	IC,RC1117S25T SOT223	*HC900010R
IC717		9965 000 11004	IC,MM74HC244WMX SOIC20	*HC700340R
IC718		9965 000 11001	IC,MM74HCT244WMX SOP20	*HC700350R
IC719		9965 000 11005	IC,CS4228A-KS SSOP28	*HC107240R
IC720		9965 000 11006	IC,CS4391 TSSOP20	*HC107250R
IC721		9965 000 11007	IC,SN74LV4040APWR SOP16	*HC700380R
IC722 ⟆ IC725		4822 209 17155	IC,NJM2068M SOP8P	HC10102090
Q701C		9965 000 10744	CHIP TRS.2SC, KTC2875B SOT23	*HT300870R
Q701FL		9965 000 10744	CHIP TRS.2SC, KTC2875B SOT23	*HT300870R
Q701FR		9965 000 10744	CHIP TRS.2SC, KTC2875B SOT23	*HT300870R
Q701SC		9965 000 10744	CHIP TRS.2SC, KTC2875B SOT23	*HT300870R
Q701SL		9965 000 10744	CHIP TRS.2SC, KTC2875B SOT23	*HT300870R
Q701SR		9965 000 10744	CHIP TRS.2SC, KTC2875B SOT23	*HT300870R
Q701SW		9965 000 10744	CHIP TRS.2SC, KTC2875B SOT23	*HT300870R
Q702AFL		9965 000 10744	CHIP TRS.2SC, KTC2875B SOT23	*HT300870R
Q702AFR		9965 000 10744	CHIP TRS.2SC, KTC2875B SOT23	*HT300870R
Q703		9965 000 10745	CHIP TRS.2SA,KRA102S	*BA001230R
Q704		9965 000 10753	CHIP TRS.2SC,KRC102S	*BA001220R
Q705 ⟆ Q711		9965 000 10745	CHIP TRS.2SA,KRA102S	*BA001230R
Q712		9965 000 10744	CHIP TRS.2SC, KTC2875B SOT23	*HT300870R
Q712C		9965 000 10744	CHIP TRS.2SC, KTC2875B SOT23	*HT300870R
Q712SC		9965 000 10744	CHIP TRS.2SC, KTC2875B SOT23	*HT300870R
Q712SL		9965 000 10744	CHIP TRS.2SC, KTC2875B SOT23	*HT300870R
Q712SR		9965 000 10744	CHIP TRS.2SC, KTC2875B SOT23	*HT300870R

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			DSP - MISCELLANEOUS	
CB702 ∫ CB708		nsp	BEAD COIL CHIP, HB-IT2012-121JT 2012	nsp
CN111		nsp	CN.WAFER 2.0MM, TUC-P12X-1 HOUSING ST	nsp
CN112		nsp	CN.WAFER 2.0MM, TUC-P15X-1 HOUSING ST	nsp
CN113		nsp	CN.WAFER 2.0MM, TUC-P18X-1 HOUSING ST	nsp
FB701C		nsp	BEAD COIL, BRS3550T0 3.5PHI*5	nsp
FB701FL		nsp	BEAD COIL, BRS3550T0 3.5PHI*5	nsp
FB701FR		nsp	BEAD COIL, BRS3550T0 3.5PHI*5	nsp
FB701SC		nsp	BEAD COIL, BRS3550T0 3.5PHI*5	nsp
FB701SL		nsp	BEAD COIL, BRS3550T0 3.5PHI*5	nsp
FB701SR		nsp	BEAD COIL, BRS3550T0 3.5PHI*5	nsp
FB701SW		nsp	BEAD COIL, BRS3550T0 3.5PHI*5	nsp
FB702AFL		nsp	BEAD COIL, BRS3550T0 3.5PHI*5	nsp
FB702AFR		nsp	BEAD COIL, BRS3550T0 3.5PHI*5	nsp
L701		nsp	COIL FILTER-INDUCTOR, 4.7UH-Q50/56M LAL03VB	nsp
L702		nsp	COIL FILTER-INDUCTOR, 4.7UH-Q50/56M LAL03VB	nsp
L703		nsp	COIL FILTER-INDUCTOR, 4.7UH-Q50/56M LAL03VB	nsp
L704		nsp	COIL FILTER-INDUCTOR, 2.2UH-Q50/110M LAL03VB	nsp
L705		nsp	COIL FILTER-INDUCTOR, 2.2UH-Q50/110M LAL03VB	nsp
L706		nsp	COIL FILTER-INDUCTOR, 2.2UH-Q50/110M LAL03VB	nsp
L707		nsp	COIL FILTER-INDUCTOR, 4.7UH-Q50/56M LAL03VB	nsp
L708		nsp	COIL FILTER-INDUCTOR, 2.2UH-Q50/110M LAL03VB	nsp
T1		9965 000 11008	COIL CHOKE,TRANS MATING	*LC107290R
XTAL 701		9965 000 11009	CRYSTAL, 12.288MHZ HC49U-CL	*JX000770R
			HEADPHONE CIRCUIT BOARD	
			HEADPHONE - CAPACITORS	
C701L		nsp	CER.,B560pF-K/50V	nsp
C701R		nsp	CER.,B560pF-K/50V	nsp
C702		nsp	CER.,0.1µF-Z/50V	nsp
CP103		nsp	CN WIRE,570MM/3P	nsp
			HEADPHONE - RESISTORS	
R701L		nsp	RES MF 330 2W 5%	nsp
R701R		nsp	RES MF 330 2W 5%	nsp
			HEADPHONE- MISCELLANEOUS	
WIRE 701		nsp	RING TER WIRE,200MM/1P	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			POWER SUPPLY CIRCUIT BOARD	
			POWER SUPPLY- CAPACITORS	
C710		nsp	FILM,0.047µF-J/100V	nsp
C711		nsp	FILM,0.047µF-J/100V	nsp
C712		nsp	FILM,0.047µF-J/100V	nsp
C713		nsp	CER.,0.1µF-Z/50V-5RE PI6	nsp
⚠ C714		nsp	C CERAMIC AC(SAFETY), DE2F3KH108MN4A	nsp
C717		nsp	ELECT,470µF-M/25V 10*12.5	nsp
C718		nsp	ELECT,1µF-M/50V 5*11	nsp
C719		nsp	ELECT,220µF-M/50V 10*12.5	nsp
			POWER SUPPLY - RESISTORS	
⚠ R710D	U	nsp	ERC-12UGK335	RC0547101
R712		nsp	470-J 1/6W	nsp
R713		nsp	10K-J 1/6W	nsp
R714		nsp	15K-J 1/6W	nsp
⚠ R716		nsp	47-J 1/4W	nsp
R718		nsp	1.8K-J 1/6W	nsp
R719		9965 000 11024	0.22-J 1W	*GA000200R
			POWER SUPPLY - SEMICONDUCTORS	
D710 ∫ D713		9965 000 10728	DIODE,IN4007 1000V 1A	*HD201570R
D714		4822 130 32778	DIODE,1SS133T	HD200152 10
D715		4822 130 32778	DIODE,1SS133T	HD200152 10
D719		9965 000 10728	DIODE,IN4007 1000V 1A	*HD201570R
⚠ IC710		4822 209 91031	IC,KA7806	*HC300120R
Q711		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
Q712		4822 130 11683	TRS.2SA,KSA916Y TO92L	*HT100600R
Q714	K, U	9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
ZD711		9965 000 11028	D ZENER,MTZJ7.5B	*HD301980R
ZD712		4822 130 11627	D ZENER,MTZJ15B	*HD302000R
ZD713		4822 130 11627	D ZENER,MTZJ15B	*HD302000R
ZD715		4822 130 31554	D ZENER,MTZJ4.3B	HD304310 00
ZD716	K, U	nsp	D ZENER,MTZJ20B	*HD301950R
			POWER SUPPLY - MISCELLANEOUS	
CN711	K	nsp	CN WIRE,120MM/2P	nsp
CN953	K	nsp	CN WIRE,120MM/3P	nsp
CP710		nsp	CN.WAFER 2.5MM,5267-04A 4P	nsp
CP711		nsp	CN.WAFER 3.96MM,35328-0210	nsp
CP712		nsp	CN.WAFER 7.92MM, YW396-32V 2P	nsp
CP713	K, N	nsp	CN.WAFER 3.96MM,35328-0210	nsp
CP714	N, U	nsp	CN.WAFER 2.0MM, G1L-S-4P-S2T2-EF	nsp
CP715	K	nsp	CN.WAFER 2.0MM, G1L-S-4P-S2T2-EF	nsp
CP715	N, U	nsp	CN.WAFER 2.0MM, G1L-S-5P-S2T2-EF	nsp
CP716	K	nsp	CN.WAFER 2.0MM, G1L-S-5P-S2T2-EF	nsp
⚠ F711	K, N	4822 070 32502	FUSE (5.2*20),250V-T2.5A	*FS0017 70R
⚠ F711	U	nsp	FUSE (5.2*20),250V-S2.5A	*FS0018 90R
F711		nsp	HOLDER FUSE CLIP	nsp
⚠ F712	K, U	nsp	FUSE (5.2*20),250V-S8A	*FS0019 00R
⚠ F712	N	4822 070 36302	FUSE (5.2*20),250V-T6.3A	*FS0013 80R
F712		nsp	HOLDER FUSE CLIP	nsp
⚠ F715	U	nsp	FUSE (5.2*20),250V-S2.5A	*FS0018 90R

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
F715	U	nsp	HOLDER FUSE CLIP	nsp
GND711		nsp	TERMINAL, ALL PBST/GND PLATE	nsp
GND712	U	nsp	TERMINAL, ALL PBST/GND PLATE	nsp
J712M	K	nsp	JUMPER (0.6/52MM)	nsp
J714	N, U	nsp	JUMPER (0.6/52MM)	nsp
J715	U	nsp	JUMPER (0.6/52MM)	nsp
J716	U	nsp	JUMPER (0.6/52MM)	nsp
L710		nsp	COIL FILTER-INDUCTOR, 10UH-Q40/24M 02TB	nsp
L711		nsp	COIL FILTER-INDUCTOR, 10UH-Q40/24M 02TB	nsp
L712		nsp	COIL FILTER-INDUCTOR, 10UH-Q40/24M 02TB	nsp
⚠ RY710		9965 000 11026	RELAY,HR-CR7-DC12V/10A	*LY000200R
⚠ T710	K	nsp	TRANSF. SUB FOR K	*TS001550R
⚠ T710	N	9965 000 11027	TRANSF. SUB FOR N	*TS001540R
⚠ T710	U	nsp	TRANSF. SUB FOR U	*TS001530R
			POWER SW CIRCUIT BOARD	
			POWER SW - MISCELLANEOUS	
CP740	K, N	nsp	CN WIRE,500MM 2P	nsp
			S-VIDEO CIRCUIT BOARD	
			S-VIDEO - CAPACITORS	
C801		nsp	ELECT,10μF-M/50V 5*11	nsp
C802		nsp	ELECT,470μF-M/6.3V 8*11.5	nsp
C802N		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C803		nsp	ELECT,10μF-M/50V 5*11	nsp
C803N		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C804		nsp	ELECT,470μF-M/6.3V 8*11.5	nsp
C804N		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C805		nsp	ELECT,470μF-M/6.3V 8*11.5	nsp
C805N		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C806		nsp	ELECT,10μF-M/50V 5*11	nsp
C806N		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C807		nsp	ELECT,4.7μF-M/50V 5*11	nsp
C807N		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C808		nsp	ELECT,4.7μF-M/50V 5*11	nsp
C809		nsp	ELECT,10μF-M/50V 5*11	nsp
C810		nsp	ELECT,10μF-M/50V 5*11	nsp
C810A		nsp	100pF	nsp
C811		nsp	ELECT,10μF-M/50V 5*11	nsp
C812		nsp	ELECT,4.7μF-M/50V 5*11	nsp
C813		nsp	ELECT,4.7μF-M/50V 5*11	nsp
C814		nsp	ELECT,10μF-M/50V 5*11	nsp
C815		nsp	ELECT,10μF-M/50V 5*11	nsp
C816		nsp	ELECT,47μF-M/16V 5*11	nsp
C817		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C818		nsp	CER.,0.01μF-M/16V	nsp
C820		nsp	ELECT,47μF-M/16V 5*11	nsp
C821		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C822		nsp	ELECT,100μF-M/10V 5*11	nsp
C823		nsp	ELECT,10μF-M/50V 5*11	nsp
C824		nsp	CER.,0.01μF-M/16V	nsp
C825		nsp	ELECT,2.2μF-M/50V 5*11	nsp
C826		nsp	CER.,0.001μF-K/50V	nsp
C827		nsp	ELECT,2.2μF-M/50V 5*11	nsp
C828		nsp	ELECT,10μF-M/50V 5*11	nsp
C829		nsp	ELECT,10μF-M/50V 5*11	nsp
C831		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C832		nsp	ELECT,10μF-M/50V 5*11	nsp
C833		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
C834		nsp	ELECT,100μF-M/10V 5*11	nsp
C835		nsp	CER.,SL47pF-J/50V	nsp
C836		nsp	ELECT,1μF-M/50V 5*11	nsp
C837		nsp	CER.,20pF-J/50V	nsp
C838		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C839		nsp	ELECT,100μF-M/10V 5*11	nsp
C840A		nsp	ELECT,47μF 16V	nsp
C840U	U	nsp	CER.,20pF-J/50V	nsp
C841A		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C841U	U	nsp	CER.,20pF-J/50V	nsp
C842		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C842A		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C843		nsp	CER.,20pF-J/50V	nsp
C843A		nsp	CER.,SL22pF-J/50V	nsp
C844		nsp	ELECT,100μF-M/10V 5*11	nsp
C845		nsp	CER.,0.001μF-K/50V	nsp
C845A		nsp	ELECT,47μF-M/25V 5*11	nsp
C846		nsp	ELECT,1μF-M/50V 5*11	nsp
C847		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C848		nsp	CER.CHIP,2200pF-K/50V-1608	nsp
C849		nsp	ELECT,1μF-M/50V 5*11	nsp
C849A		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C850	K, N	nsp	CER.,22pF-J/50V	nsp
C850A		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
C851	K, N	nsp	CER.,22pF-J/50V	nsp
C852	K, N	nsp	CER.,22pF-J/50V	nsp
C853	K, N	nsp	CER.,22pF-J/50V	nsp
C854	K, N	nsp	CER.,0.01μF-M/16V	nsp
C855	K, N	nsp	CER.,0.01μF-M/16V	nsp
C858		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C858A		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C859		nsp	CER.CHIP,0.01μF-Z/50V-1608	nsp
			S-VIDEO - RESISTORS	
R801 ∫ R806		nsp	CHIP,56-J 1/16W-1608	nsp
R807 ∫ R814		nsp	CHIP,75-J 1/16W-1608	nsp
R815		nsp	2.2-J 1/6W	nsp
R816		nsp	1K-J 1/6W	nsp
R816A		nsp	CHIP,1K-J 1/16W-1608	nsp
R817		nsp	1-J 1/6W	nsp
R818		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R819		nsp	47K-J 1/6W	nsp
R819A		nsp	CHIP,68K-J 1/16W-1608	nsp
R820		nsp	68-J 1/6W	nsp
R820A		nsp	CHIP,68K-J 1/16W-1608	nsp
R822		nsp	22K-J 1/6W	nsp
R823		nsp	CHIP,33K-J 1/16W-1608	nsp
R824		nsp	75-J 1/6W	nsp
R825		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R826		nsp	CHIP,10K-J 1/16W-1608	nsp
R827		nsp	CHIP,33K-J 1/16W-1608	nsp
R828		nsp	CHIP,75-J 1/16W-1608	nsp
R829		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R830		nsp	CHIP,10K-J 1/16W-1608	nsp
R831		nsp	CHIP,10K-J 1/16W-1608	nsp
R832		nsp	CHIP,2K-J 1/16W-1608	nsp
R833		nsp	CHIP,10K-J 1/16W-1608	nsp
R834		nsp	CHIP,8.2K-J 1/16W-1608	nsp
R835		nsp	CHIP,15K-J 1/16W-1608	nsp

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
R836		nsp	CHIP,75-J 1/16W-1608	nsp
R837		nsp	CHIP,47K-J 1/16W-1608	nsp
R838		nsp	CHIP,12K-J 1/16W-1608	nsp
R839		nsp	CHIP,1K-J 1/16W-1608	nsp
R840		nsp	CHIP,1K-J 1/16W-1608	nsp
R841		nsp	CHIP,1K-J 1/16W-1608	nsp
R842		nsp	CHIP,100-J 1/16W-1608	nsp
R843U	U	nsp	470-J 1/6W	nsp
R844U	U	nsp	1M-J 1/6W	nsp
R845		nsp	2.2K-J 1/6W	nsp
R846		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R847		nsp	CHIP,10K-J 1/16W-1608	nsp
R848		nsp	330-J 1/6W	nsp
R849		nsp	CHIP,1M-J 1/16W-1608	nsp
R849A		nsp	CHIP,3K-J 1/16W-1608	nsp
R850		nsp	CHIP,150K-J 1/16W-1608	nsp
R850A		nsp	CHIP,3.9K-J 1/16W-1608	nsp
R851		nsp	470K-J 1/6W	nsp
R852		nsp	CHIP,33K-J 1/16W-1608	nsp
R853		nsp	CHIP,470K-J 1/16W-1608	nsp
R854	K, N	nsp	1M-J 1/6W	nsp
R855	K, N	nsp	470-J 1/6W	nsp
R856	K, N	nsp	1M-J 1/6W	nsp
R857	K, N	nsp	470-J 1/6W	nsp
R858	K, N	nsp	1K-J 1/6W	nsp
R859	K, N	nsp	4.7-J 1/6W	nsp
R860	K, N	nsp	220-J 1/6W	nsp
R861		nsp	CHIP,220-J 1/16W-1608	nsp
R862		nsp	CHIP,220-J 1/16W-1608	nsp
R863		nsp	100-J 1/6W	nsp
J807		nsp	CHIP,0-J 1/16W-1608	nsp
J810		nsp	CHIP,0-J 1/16W-1608	nsp
J850 ∫ J854		nsp	CHIP,0-J 1/16W-1608	nsp
J861		nsp	CHIP,0-J 1/16W-1608	nsp
J862 ∫ J866		nsp	CHIP,0-J 1/16W-1608	nsp
J932		nsp	CHIP,0-J 1/16W-1608	nsp
			S-VIDEO - SEMICONDUCTORS	
D801		4822 130 32778	DIODE,1SS133T	HD20015210
D801A		9965 000 10747	DIODE CHIP,KDS160	*HD201560R
D802 ∫ D805		4822 130 32778	DIODE,1SS133T	HD20015210
D811		4822 130 32778	DIODE,1SS133T	HD20015210
IC802		9965 000 03394	IC,NJM2296M SOP16	HC10210090
IC803		9965 000 03394	IC,NJM2296M SOP16	HC10210090
IC804		9965 000 10991	IC,NJM2506 SOP16	*HC107270R
IC805		4822 130 91429	IC,M35010-001SP DIP20	*HC107310R
IC806		9965 000 10990	IC,BA7046 DIP8	*HC107230R
IC807	K, N	9965 000 10992	IC,MC74HCU04AD SOP14	*HC700180R
IC808	K, N	9965 000 10993	IC,GD74HC00D	*HC700310R
Q801		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
Q802		4822 130 60107	TRS.2SA933S TO92M	*HT100610R
Q803		4822 130 62787	TRS.RB,KRA107M	*BA000190R
Q804		4822 130 62787	TRS.RB,KRA107M	*BA000190R
Q805		4822 130 62787	TRS.RB,KRA107M	*BA000190R
Q806		9965 000 10445	TRS.2SC,KTC2874B TO92	*HT300880R
Q806A		9965 000 10445	TRS.2SC,KTC2874B TO92	*HT300880R
Q807		4822 130 60107	TRS.2SA933S TO92M	*HT100610R
Q808		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
Q816		4822 130 60107	TRS.2SA933S TO92M	*HT100610R
Q851		9965 000 10994	TRS.2SC3199-GR/KTC3199-GR	*HT300890R
Q852		4822 130 60107	TRS.2SA933S TO92M	*HT100610R
Q854		4822 130 60107	TRS.2SA933S TO92M	*HT100610R
			S-VIDEO - MISCELLANEOUS	
CN103		nsp	CN.WAFER 2.0MM, TUC-P09X-1 HOUSING ST	nsp
CN104		nsp	CN.WAFER 2.0MM, 35237-1310 13P	nsp
CP301S		nsp	CN.WAFER 2.5MM, 5267-02A 2P	nsp
CP301SV		nsp	CN.WAFER 2.0MM, G1L-S-4P-S2T2-EF	nsp
L801		nsp	COIL FILTER-INDUCTOR, 22UH-Q40/17M-R3.4 02TB	nsp
L802		nsp	COIL FILTER-INDUCTOR, 22UH-Q40/17M-R3.4 02TB	nsp
L804		nsp	BEAD COIL, BAS3580T0 3.5PHI*8	nsp
XTAL 801	U	9965 000 11064	CRYSTAL, 14.31818MHZ HC49U-CL	*JX000780R
XTAL 802	K, N	9965 000 11063	CRYSTAL, 17.734475MHz HC49U CL	*JX000790R
XTAL 803	K, N	9965 000 11064	CRYSTAL, 14.31818MHZ HC49U-CL	*JX000780R
			V-COMPOSITE CIRCUIT BOARD	
			V-COMPOSITE - CAPACITORS	
C832M		nsp	ELECT,10µF-M/50V 5*11	nsp
C833M		nsp	CER.CHIP,0.01µF-Z/50V-1608	nsp
C834M		nsp	ELECT,100µF-M/10V 5*11	nsp
C835M		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C836M		nsp	ELECT,1µF-M/50V 5*11	nsp
C837M		nsp	CER.,20pF-J/50V	nsp
C838M		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C839M		nsp	ELECT,100µF-M/10V 5*11	nsp
C840MU	U	nsp	CER.,20pF-J/50V	nsp
C841MU	U	nsp	CER.,20pF-J/50V	nsp
C842M		nsp	CER.CHIP,0.01µF-Z/50V-1608	nsp
C843M		nsp	CER.,20pF-J/50V	nsp
C844M		nsp	ELECT,100µF-M/10V 5*11	nsp
C845M		nsp	CER.,0.001µF-K/50V	nsp
C846M		nsp	ELECT,1µF-M/50V 5*11	nsp
C847M		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C848M		nsp	CER.CHIP,2200pF-K/50V-1608	nsp
C849M		nsp	ELECT,1µF-M/50V 5*11	nsp
C850M ∫ C853M	K, N	nsp	CER.,22pF-J/50V	nsp
C854M	K, N	nsp	CER.,0.01µF-M/16V	nsp
C855M	K, N	nsp	CER.,0.01µF-M/16V	nsp
C870M		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C871		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C872M		nsp	ELECT,470µF-M/6.3V 8*11.5	nsp
C873		nsp	ELECT,470µF-M/6.3V 8*11.5	nsp
C874		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C875		nsp	ELECT,470µF-M/6.3V 8*11.5	nsp
C876		nsp	CER.CHIP,47pF-J/50V-1608	nsp
C877		nsp	ELECT,470µF-M/6.3V 8*11.5	nsp
C878 ∫ C881		nsp	ELECT,10µF-M/50V 5*11	nsp

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
C882		nsp	ELECT,47µF-M/16V 5*11	nsp
C883		nsp	CER.CHIP,0.1µF-K/50V-1608	nsp
C884		nsp	CER.CHIP,0.1µF-K/50V-1608	nsp
C885		nsp	ELECT,47µF-M/16V 5*11	nsp
C886		nsp	ELECT,10µF-M/50V 5*11	nsp
C887		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C888		nsp	CER.,0.01µF-M/16V	nsp
C889		nsp	ELECT,100µF-M/10V 5*11	nsp
C890		nsp	CER.,0.001µF-K/50V	nsp
C891		nsp	ELECT,2.2µF-M/50V 5*11	nsp
C892		nsp	CER.CHIP,100pF-J/50V-1608	nsp
C894		nsp	ELECT,10µF-M/50V 5*11	nsp
C895		nsp	ELECT,10µF-M/50V 5*11	nsp
C896		nsp	CER.CHIP,100pF-J/50V-1608	nsp
			V-COMPOSITE - RESISTORS	
R831M		nsp	CHIP,10K-J 1/16W-1608	nsp
R832M		nsp	CHIP,2K-J 1/16W-1608	nsp
R833M		nsp	CHIP,10K-J 1/16W-1608	nsp
R834M		nsp	CHIP,8.2K-J 1/16W-1608	nsp
R835M		nsp	CHIP,68K-J 1/16W-1608	nsp
R841M		nsp	CHIP,1K-J 1/16W-1608	nsp
R842M		nsp	CHIP,100-J 1/16W-1608	nsp
R843MU	U	nsp	470-J 1/6W	nsp
R844MU	U	nsp	1M-J 1/6W	nsp
R845M		nsp	2.2K-J 1/6W	nsp
R846M		nsp	CHIP,2.2K-J 1/16W-1608	nsp
R847M		nsp	CHIP,10K-J 1/16W-1608	nsp
R848M		nsp	330-J 1/6W	nsp
R849M		nsp	CHIP,1M-J 1/16W-1608	nsp
R850M		nsp	CHIP,150K-J 1/16W-1608	nsp
R851M		nsp	470K-J 1/6W	nsp
R852M		nsp	CHIP,33K-J 1/16W-1608	nsp
R853M		nsp	CHIP,470K-J 1/16W-1608	nsp
R854M	K, N	nsp	1M-J 1/6W	nsp
R855M	K, N	nsp	470-J 1/6W	nsp
R856M	K, N	nsp	1M-J 1/6W	nsp
R857M	K, N	nsp	470-J 1/6W	nsp
R858M	K, N	nsp	1K-J 1/6W	nsp
R859M	K, N	nsp	4.7-J 1/6W	nsp
R860M	K, N	nsp	220-J 1/6W	nsp
R864		nsp	1K-J 1/6W	nsp
R865		nsp	1K-J 1/6W	nsp
R870M		nsp	CHIP,10K-J 1/16W-1608	nsp
R871		nsp	CHIP,10K-J 1/16W-1608	nsp
R872M		nsp	CHIP,56-J 1/16W-1608	nsp
R873		nsp	CHIP,47-J 1/16W-1608	nsp
R874		nsp	1K-J 1/6W	nsp
R875		nsp	CHIP,10K-J 1/16W-1608	nsp
R876		nsp	CHIP,56-J 1/16W-1608	nsp
R877		nsp	CHIP,10K-J 1/16W-1608	nsp
R878		nsp	CHIP,75-J 1/16W-1608	nsp
R879		nsp	CHIP,56-J 1/16W-1608	nsp
R880		nsp	CHIP,75-J 1/16W-1608	nsp
R881		nsp	CHIP,75-J 1/16W-1608	nsp
R882		nsp	CHIP,75-J 1/16W-1608	nsp
R883		nsp	2.2K-J 1/6W	nsp
R884		nsp	1-J 1/6W	nsp
R885		nsp	CHIP,2.2-J 1/16W-1608	nsp
R886		nsp	CHIP,47K-J 1/16W-1608	nsp
R889		nsp	33K-J 1/6W	nsp
R890		nsp	68-J 1/6W	nsp
R891		nsp	2.2K-J 1/6W	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
R894M		nsp	68-J 1/6W	nsp
R895M		nsp	47K-J 1/6W	nsp
R896M		nsp	3.3K-J 1/6W	nsp
R897		nsp	CHIP,10K-J 1/16W-1608	nsp
R899		nsp	1K-J 1/6W	nsp
J887M	U	nsp	CHIP,0-J 1/16W-1608	nsp
J904M		nsp	CHIP,0-J 1/16W-1608	nsp
J905M		nsp	CHIP,0-J 1/16W-1608	nsp
J911 ∫ J916		nsp	CHIP,0-J 1/16W-1608	nsp
			V-COMPOSITE – SEMICONDUCTORS	
D870		4822 130 32778	DIODE,1SS133T	HD20015210
D871		9965 000 10747	DIODE CHIP,KDS160	*HD201560R
D872		4822 130 32778	DIODE,1SS133T	HD20015210
D873		4822 130 32778	DIODE,1SS133T	HD20015210
D884		4822 130 32778	DIODE,1SS133T	HD20015210
IC805M		4822 130 91429	IC,M35010-001SP DIP20	*HC107310R
IC806M		9965 000 10990	IC,BA7046 DIP8	*HC107230R
IC807M	K, N	9965 000 10992	IC,MC74HCU04AD SOP14	*HC700180R
IC808M	K, N	9965 000 10993	IC,GD74HC00D	*HC700310R
IC871M		9965 000 03394	IC,NJM2296M SOP16	HC10210090
IC872		9965 000 03394	IC,NJM2296M SOP16	HC10210090
IC873M		4822 209 90218	IC,BU4094BCF-E2 SOP16	*HC400010R
IC874		4822 209 90218	IC,BU4094BCF-E2 SOP16	*HC400010R
Q805M		4822 130 62787	TRS.RB,KRA107M	*BA000190R
Q808M		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
Q821		4822 130 60107	TRS.2SA933S TO92M	*HT100610R
Q822		9965 000 10445	TRS.2SC,KTC2874B TO92	*HT300880R
Q851M		9965 000 10994	TRS.2SC3199-GR/KTC3199-GR	*HT300890R
Q870		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
Q871		4822 130 62787	TRS.RB,KRA107M	*BA000190R
Q873M		4822 130 60107	TRS.2SA933S TO92M	*HT100610R
			V-COMPOSITE – MISCELLANEOUS	
CN105		nsp	CN.WAFER 2.0MM, TUC-P09X-1 HOUSING ST	nsp
CN106		nsp	CN.WAFER 2.0MM, TUC-P15X-1 HOUSING ST	nsp
CP301V		nsp	CN.WAFER 2.0MM, GIL-S-2P-S2T2-EF	nsp
J887M	K, N	nsp	JUMPER (0.6/52MM)	nsp
L801M		nsp	COIL FILTER-INDUCTOR, 22UH-Q40/17M 02TB	nsp
L802M		nsp	COIL FILTER-INDUCTOR, 22UH-Q40/17M 02TB	nsp
XTAL 801M	U	9965 000 11064	CRYSTAL, 14.31818MHZ HC49U-CL	*JX000780R
XTAL 802M	K, N	9965 000 11063	CRYSTAL, 17.734475MHz HC49U CL	*JX000790R
XTAL 803M	K, N	9965 000 11064	CRYSTAL, 14.31818MHZ HC49U-CL	*JX000780R
			C-VIDEO CIRCUIT BOARD	
			C-VIDEO - CAPACITORS	
C898		nsp	ELECT,1µF-M/50V 5*11	nsp
C899		nsp	CER.,0.1µF-Z/50V PI6	nsp
C900		nsp	ELECT,1µF-M/50V 5*11	nsp
C901		nsp	CER.,0.1µF-Z/50V PI6	nsp
C902		nsp	ELECT,1µF-M/50V 5*11	nsp
C903		nsp	CER.,0.1µF-Z/50V PI6	nsp

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
C904 ∫ C909		nsp	ELECT,10μF-M/50V 5*11	nsp
C910		nsp	ELECT,470μF-M/6.3V 8*11.5	nsp
C911		nsp	ELECT,470μF-M/6.3V 8*11.5	nsp
C912		nsp	ELECT,470μF-M/6.3V 8*11.5	nsp
C915		nsp	ELECT,220μF-M/10V 6.3*11	nsp
C916		nsp	ELECT,220μF-M/10V 6.3*11	nsp
C918		nsp	CER.,0.01μF-K/50V	nsp
C919		nsp	CER.,0.01μF-K/50V	nsp
C920		nsp	ELECT,10μF-M/35V 5*11	nsp
C921		nsp	ELECT,10μF-M/35V 5*11	nsp
C922		nsp	ELECT,10μF-M/35V 5*11	nsp
			C-VIDEO - RESISTORS	
R898 ∫ R906		nsp	75-J 1/6W	nsp
R915		nsp	47K-J 1/6W	nsp
R921		nsp	100-J 1/6W	nsp
R922		nsp	100-J 1/6W	nsp
R923		nsp	100-J 1/6W	nsp
R924		nsp	270-J 1/6W	nsp
R925		nsp	270-J 1/6W	nsp
R926		nsp	10K-J 1/6W	nsp
R927		nsp	270-J 1/6W	nsp
R928		nsp	270-J 1/6W	nsp
R929		nsp	10K-J 1/6W	nsp
R930		nsp	270-J 1/6W	nsp
R931		nsp	270-J 1/6W	nsp
R932		nsp	10K-J 1/6W	nsp
			C-VIDEO - SEMICONDUCTORS	
D452		4822 130 32778	DIODE,1SS133T	HD20015210
D453		4822 130 32778	DIODE,1SS133T	HD20015210
IC898		9965 000 11430	IC,MM74HC4053MX SOP16	*HC800010R
IC899		9965 000 11431	IC,RC6333 SOP14	*HC107580R
Q901		9965 000 10444	TRS.RC,KRC107M TO92M	*BA001190R
			C-VIDEO - MISCELLANEOUS	
CN102		nsp	CN.WAFER 2.0MM,TUC-P06X-1 HOUSING ST	nsp
			SPEAKER A CIRCUIT BOARD	
			SPEAKER A - CAPACITORS	
C903FC	K, N	nsp	FILM,0.0022μF-J/100V	nsp
C903FL	K, N	nsp	FILM,0.0022μF-J/100V	nsp
C903FR	K, N	nsp	FILM,0.0022μF-J/100V	nsp
C903SC	K, N	nsp	FILM,0.0022μF-J/100V	nsp
C903SL	K, N	nsp	FILM,0.0022μF-J/100V	nsp
C903SR	K, N	nsp	FILM,0.0022μF-J/100V	nsp
C904FCG	K, N	nsp	CER.,0.0047μF-K/16V	nsp
C904FLG	K, N	nsp	CER.,0.0047μF-K/16V	nsp
C904FRG	K, N	nsp	CER.,0.0047μF-K/16V	nsp
C904SCG	K, N	nsp	CER.,0.0047μF-K/16V	nsp
C904SLG	K, N	nsp	CER.,0.0047μF-K/16V	nsp
C904SRG	K, N	nsp	CER.,0.0047μF-K/16V	nsp
			SPEAKER A - MISCELLANEOUS	
CN101		nsp	CN.WAFER 2.5MM, 52668-1317 ANG ZIP	nsp

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
			SPEAKER B CIRCUIT BOARD	
			SPEAKER B - CAPACITORS	
C951L	K, N	nsp	FILM,0.0022μF-J/100V	nsp
C951R	K, N	nsp	FILM,0.0022μF-J/100V	nsp
C952L		nsp	CER.,0.0047μF-K/16V	nsp
C952R		nsp	CER.,0.0047μF-K/16V	nsp
			SPEAKER B - MISCELLANEOUS	
CN951		nsp	CN.WAFER 3.96MM, JE202A2T4 ANG4P	nsp
			VOLTAGE SELECT CIRCUIT BOARD	
			VOLTAGE SELECT - MISCELLANEOUS	
	K	nsp	SUPPORTER P.C.	nsp
	K	nsp	SPACER CARD	nsp
CP951	K	nsp	CN.WAFER 3.96MM,35328-0510	nsp
CP953	K	nsp	CN.WAFER 7.92MM, 35979-0320 3P ANGLE	nsp
⚠ F913	K	4822 070 36302	FUSE (5.2*20), 250V-T6.3A-S/V/B/R(TEAR1)	*FS000380R
FC913	K	nsp	HOLDER FUSE CLIP	nsp
J901 ∫ J905	K	nsp	JUMPER (0.6/52MM)	nsp
J907	K	nsp	JUMPER (0.6/52MM)	nsp
⚠ JK912	K	nsp	SW SLIDE ESD26832A	*SS000720R

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.